PRINT OF DRAWING
AS ORIGINALLY FILED

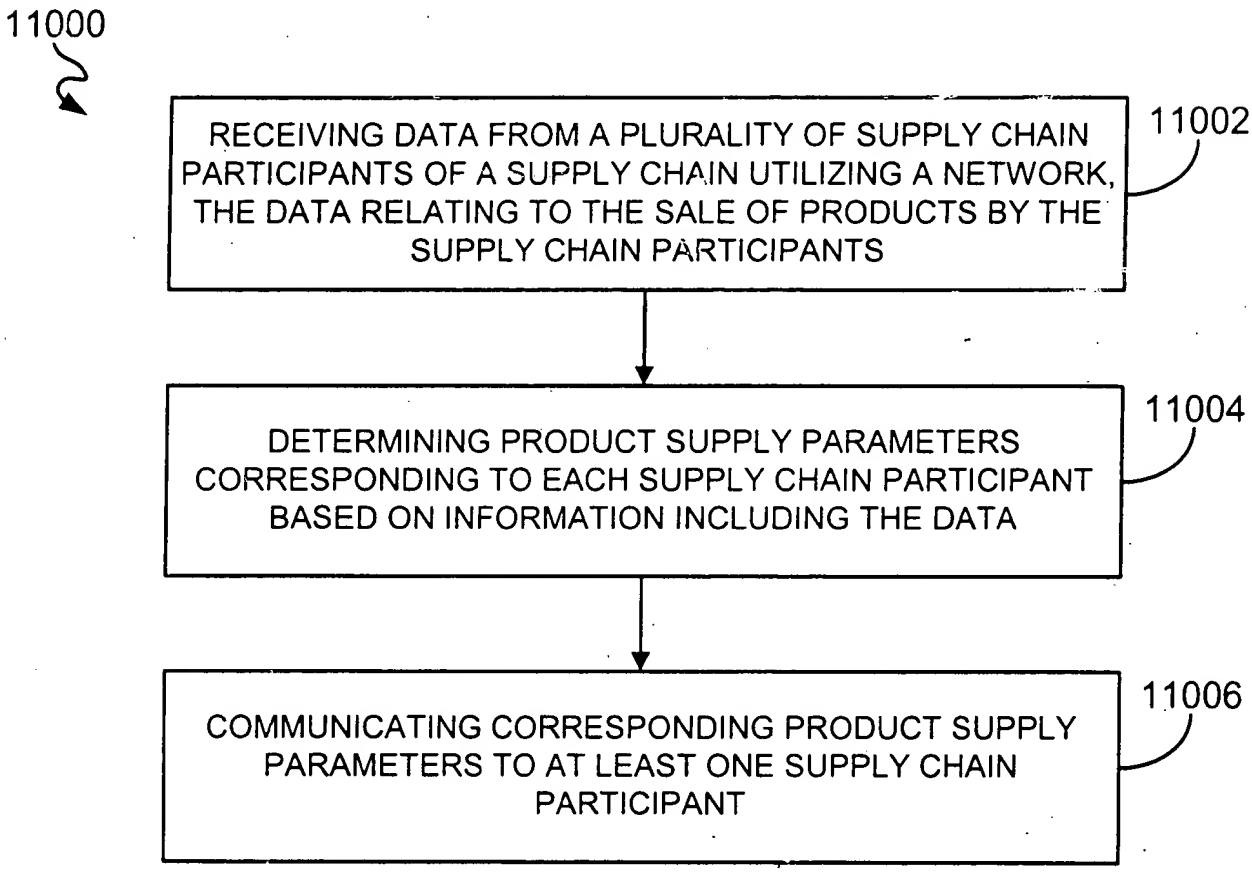


FIG. 110

PRINT OF DRAWINGS
AS ORIGINALLY FILED

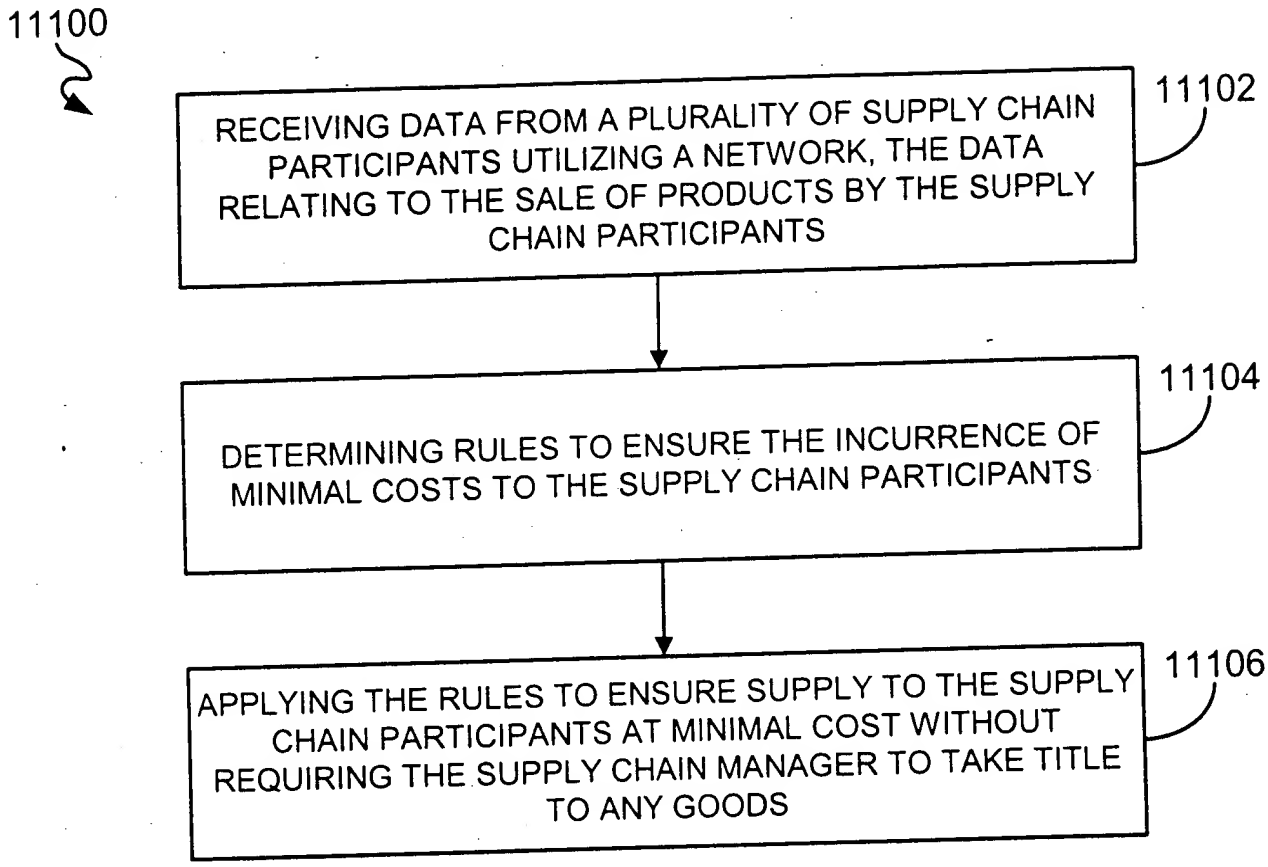


FIG. 111

PRINT OF DRAWINGS
AS ORIGINALLY FILED

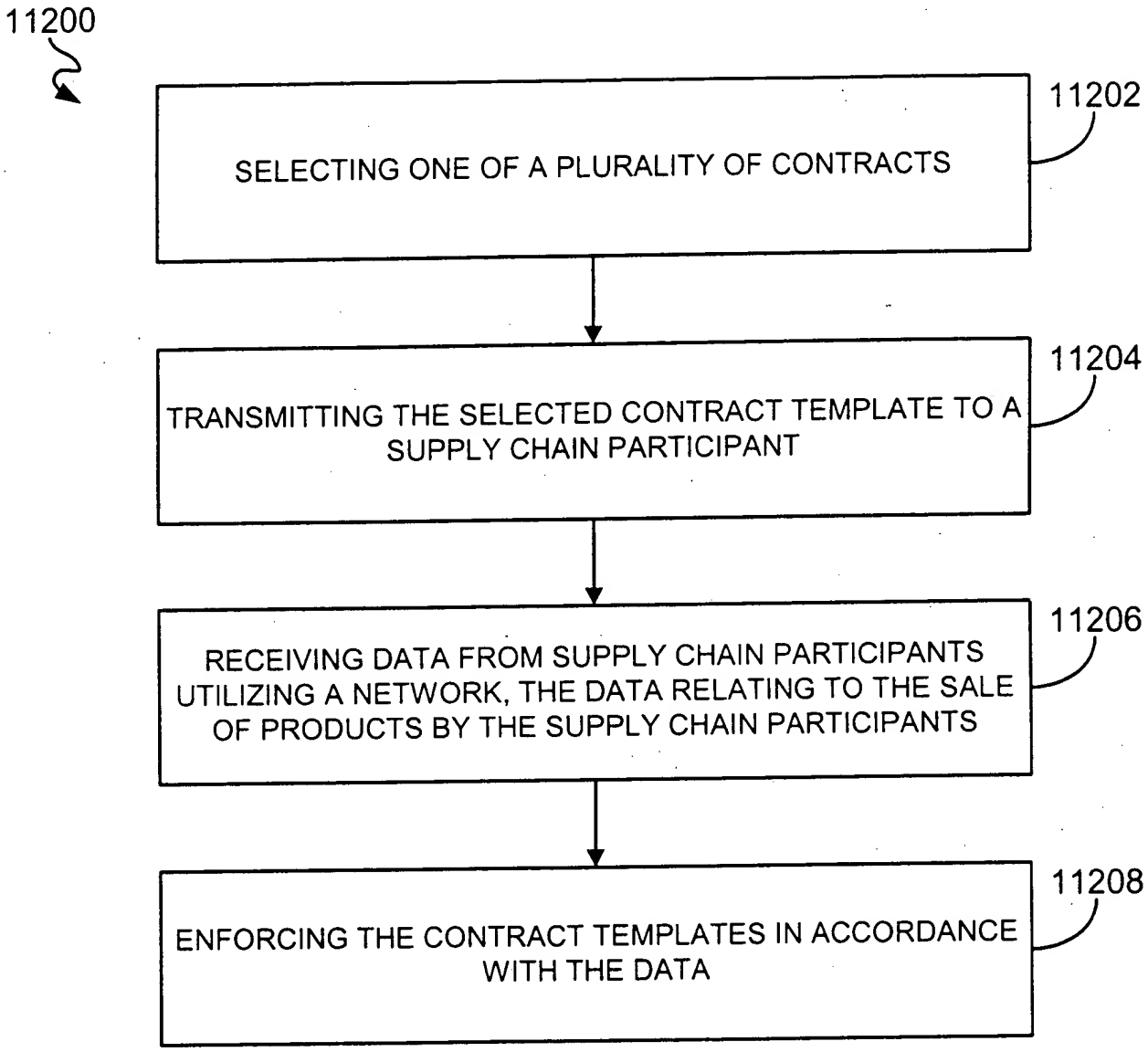


FIG. 112

AS ORIGINALLY FILED

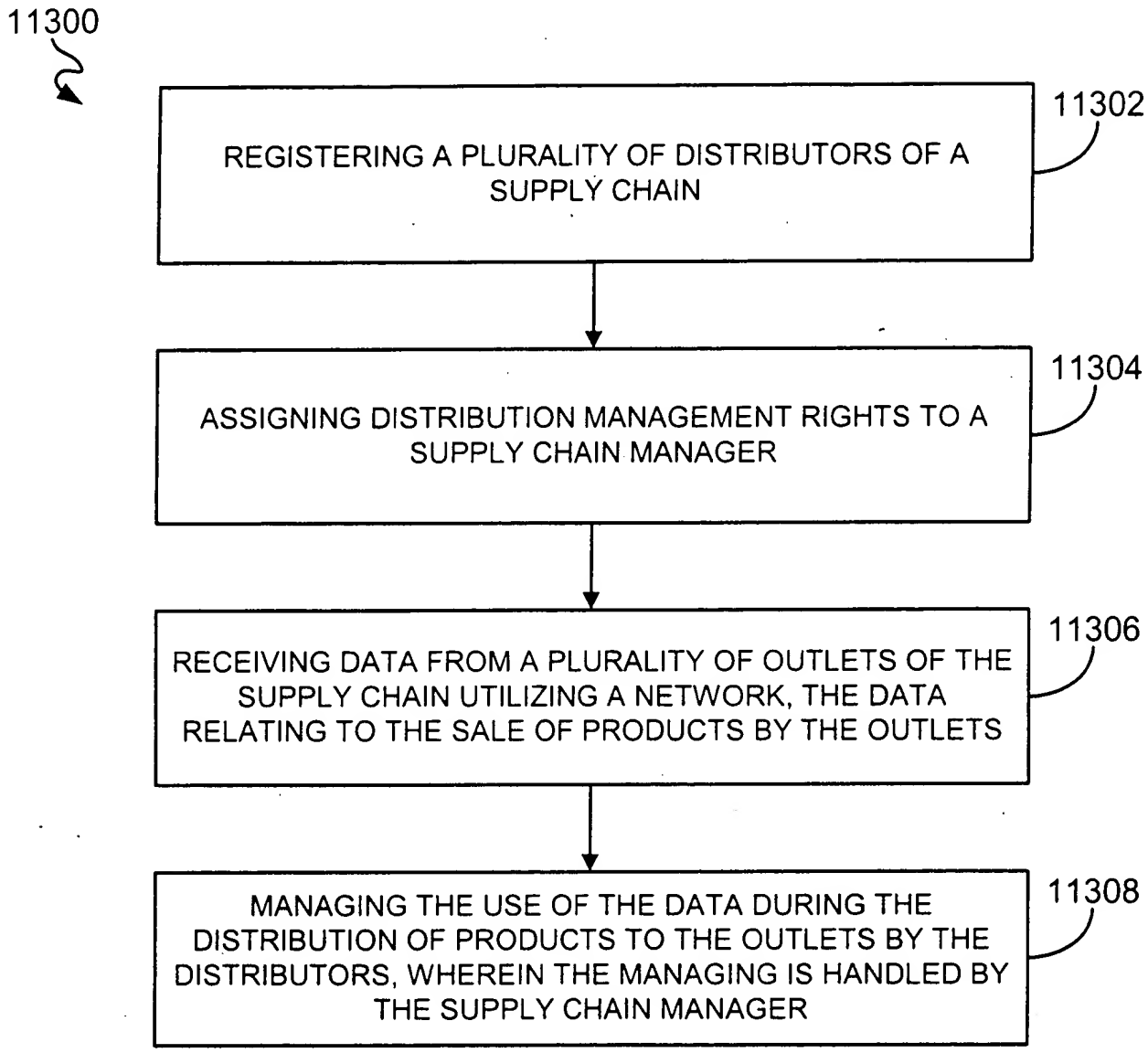


FIG. 113

PRINT OF DRAWINGS
AS ORIGINALLY FILED

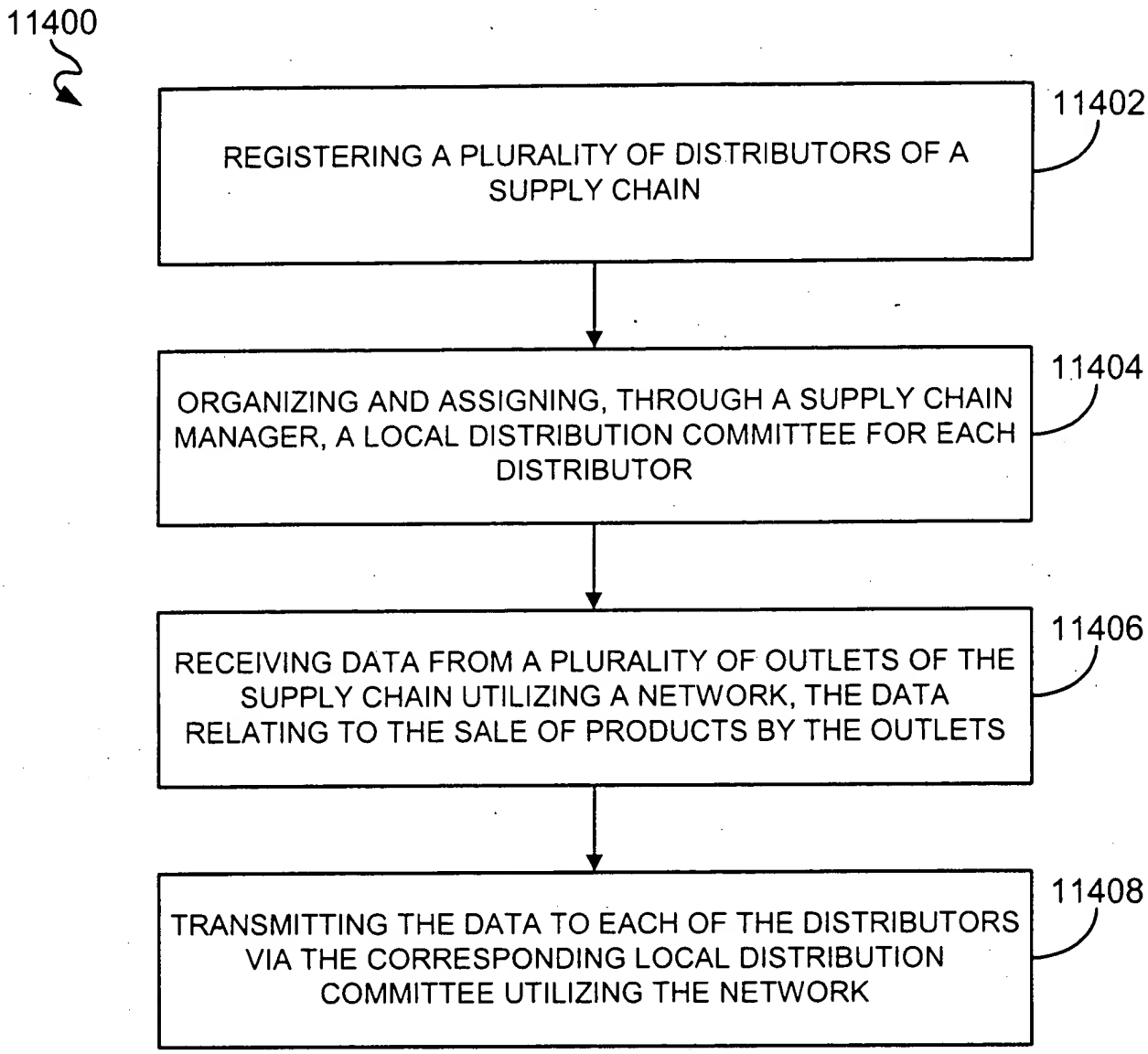


FIG. 114

PRINT OF DRAWINGS
AS ORIGINALLY FILED

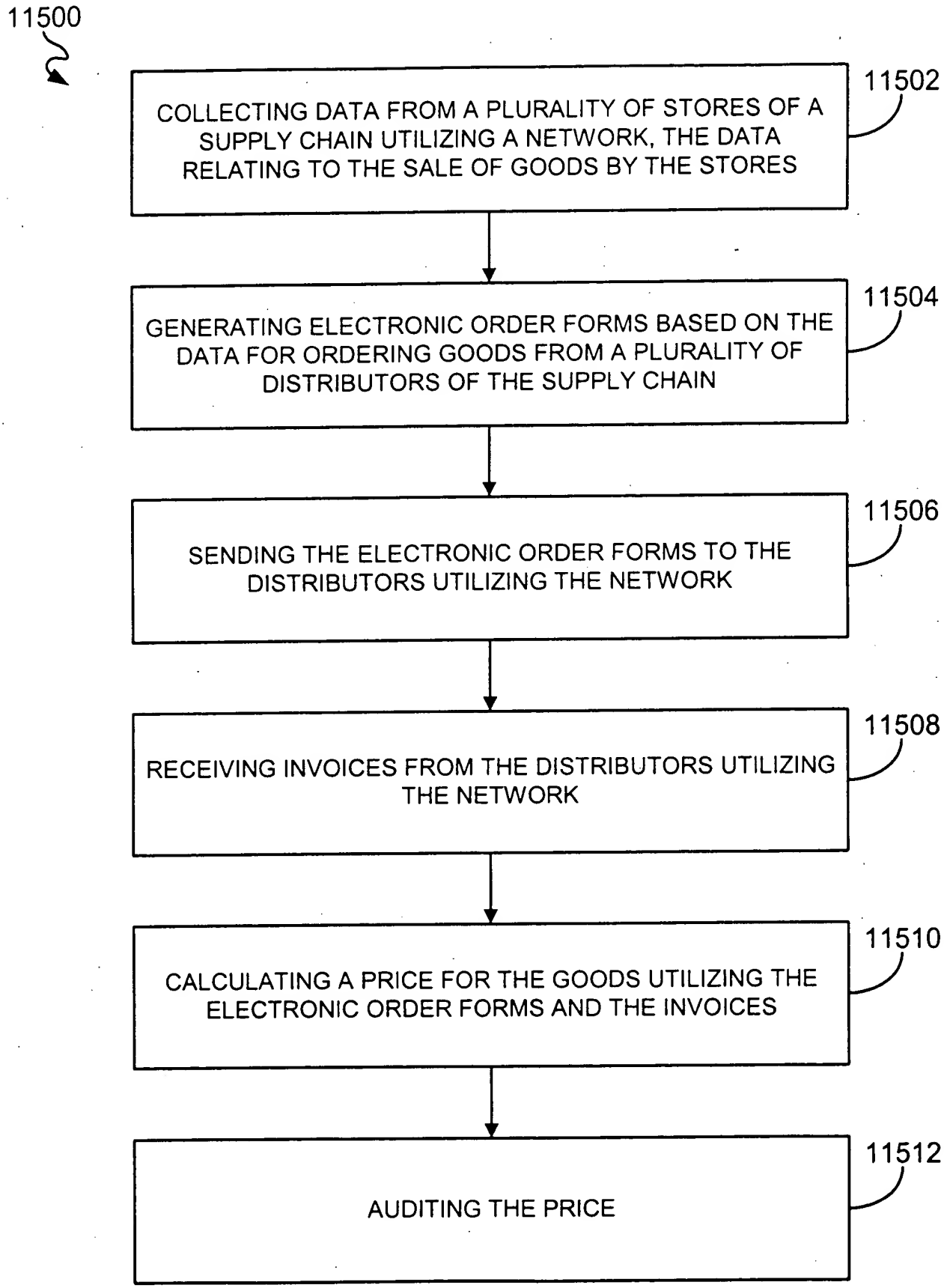


FIG. 115

PRINT OF DRAWINGS
AS ORIGINALLY FILED

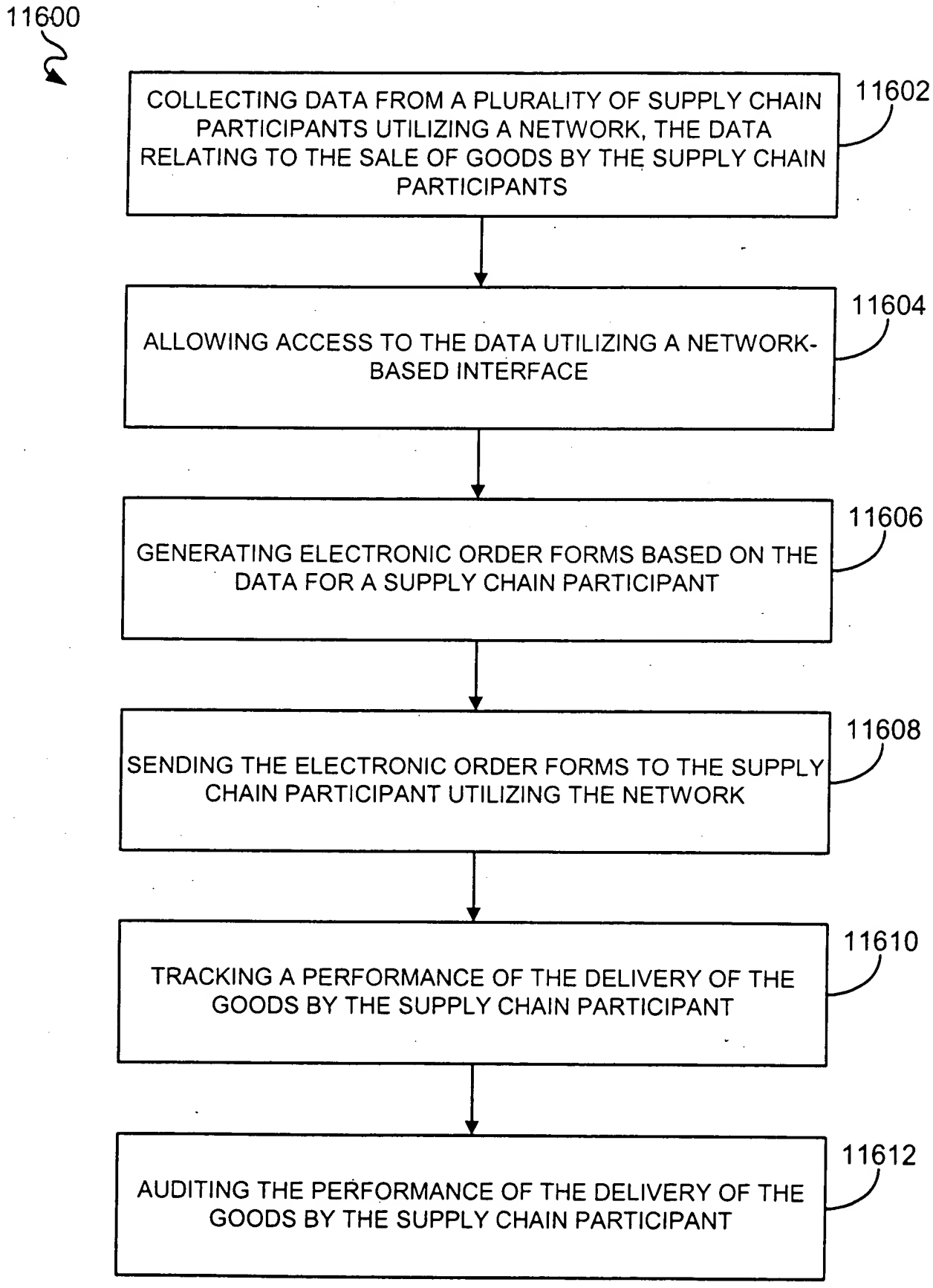


FIG. 116

PRINT OF DRAWINGS
AS ORIGINALLY FILED

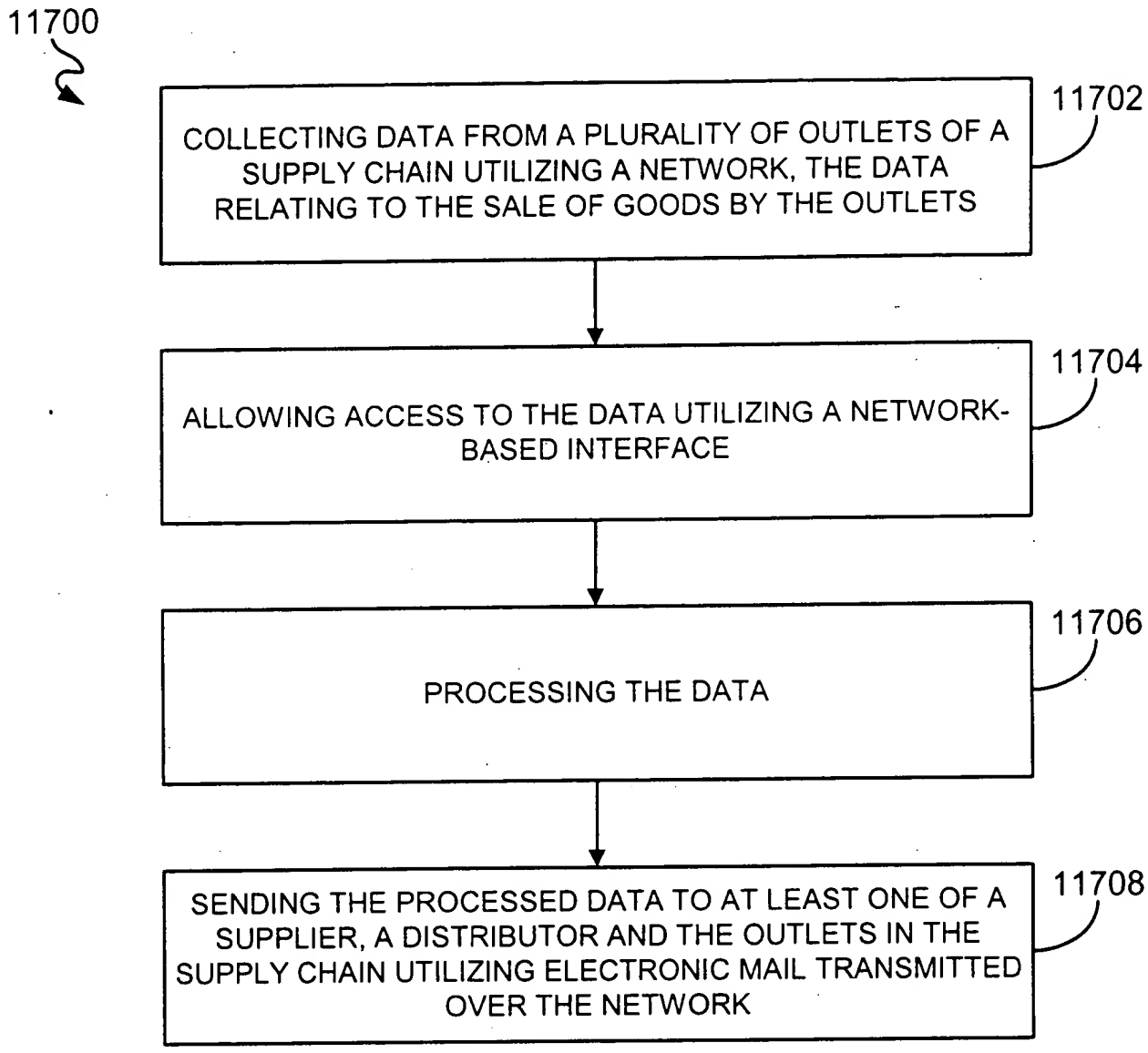


FIG. 117

PRINT OF DRAWINGS
AS ORIGINALLY FILED

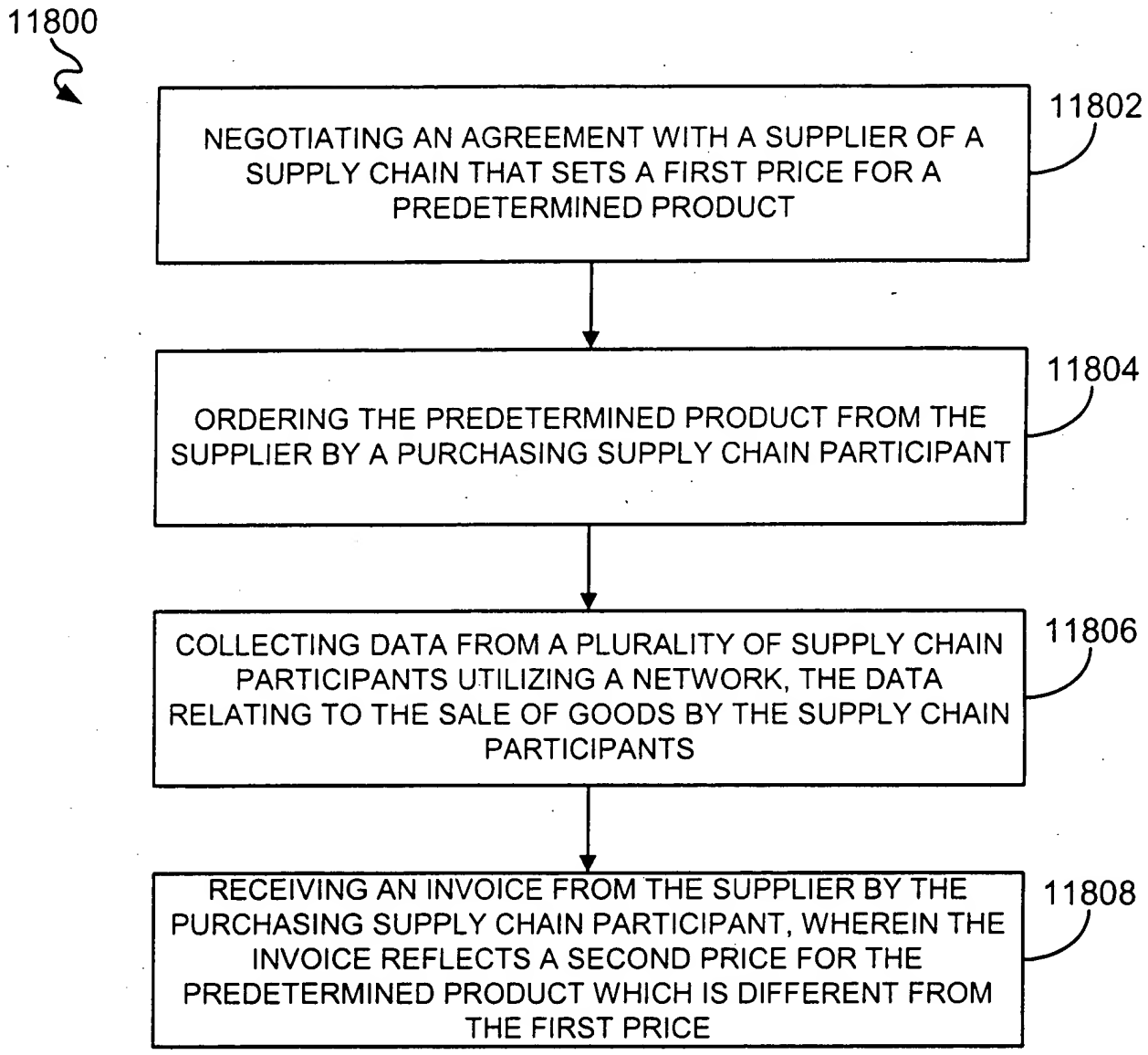


FIG. 118

PRINT OF DRAWINGS
AS ORIGINALLY FILED

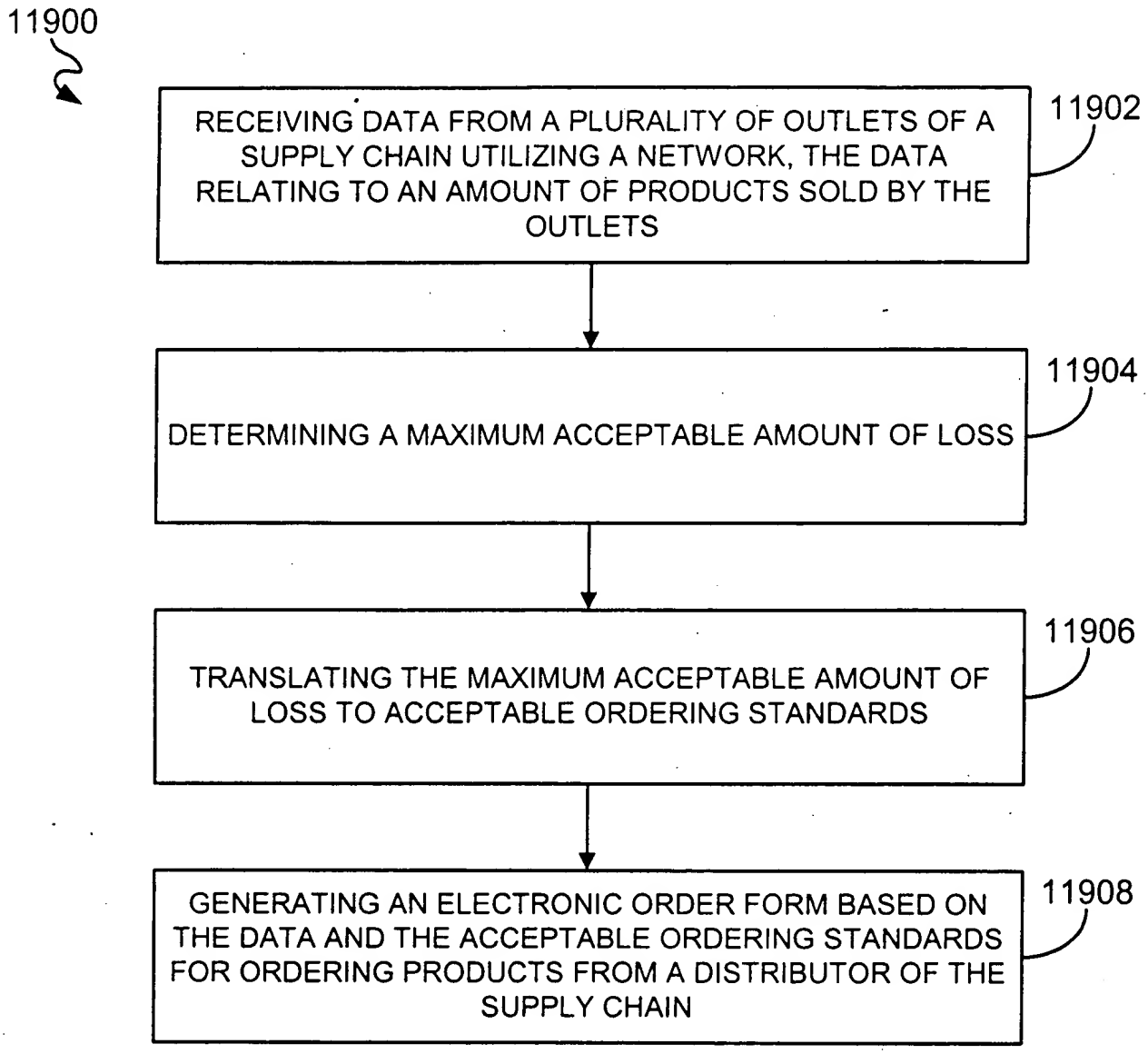


FIG. 119

PRINT OF DRAWINGS
AS ORIGINALLY FILED

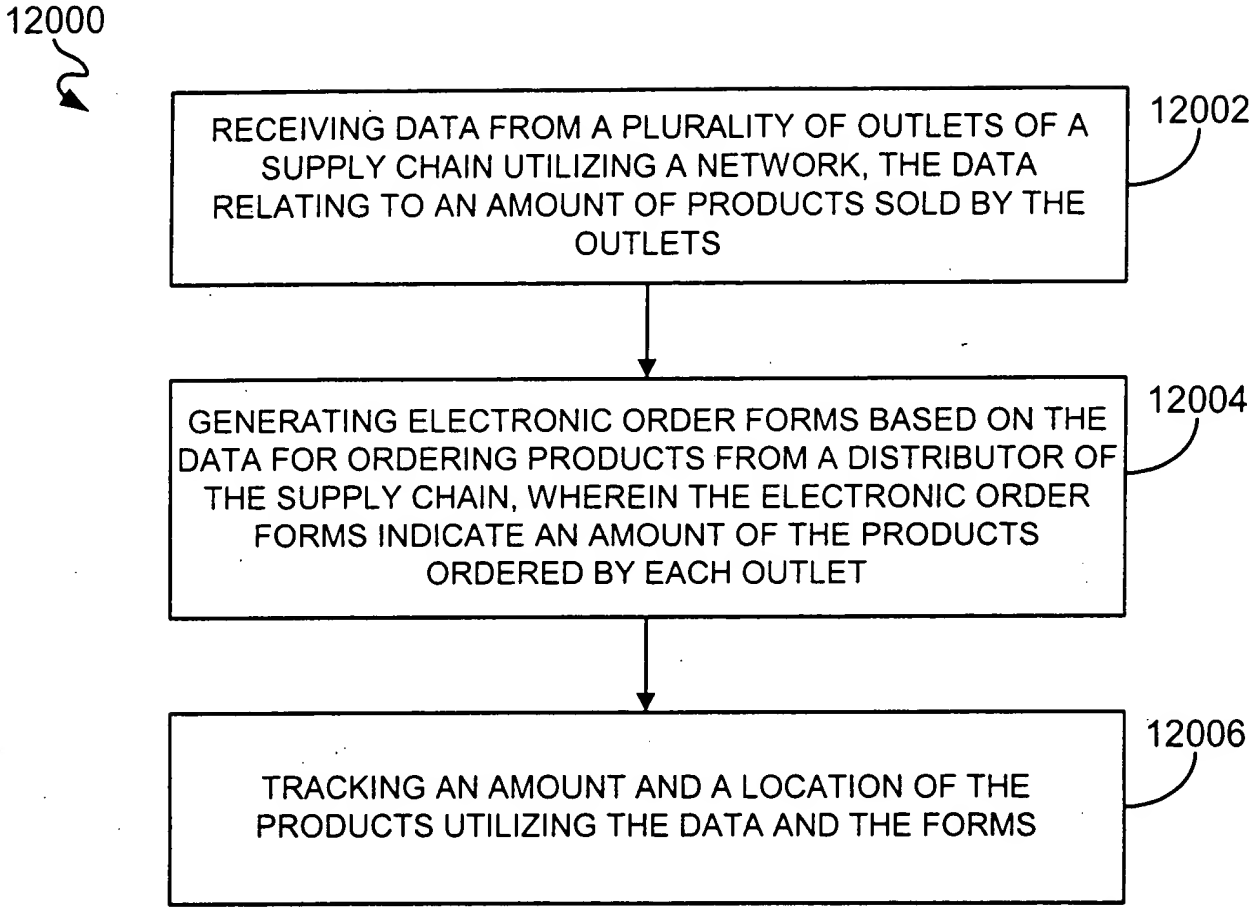


FIG. 120

PRINT OF DRAWINGS
AS ORIGINALLY FILED

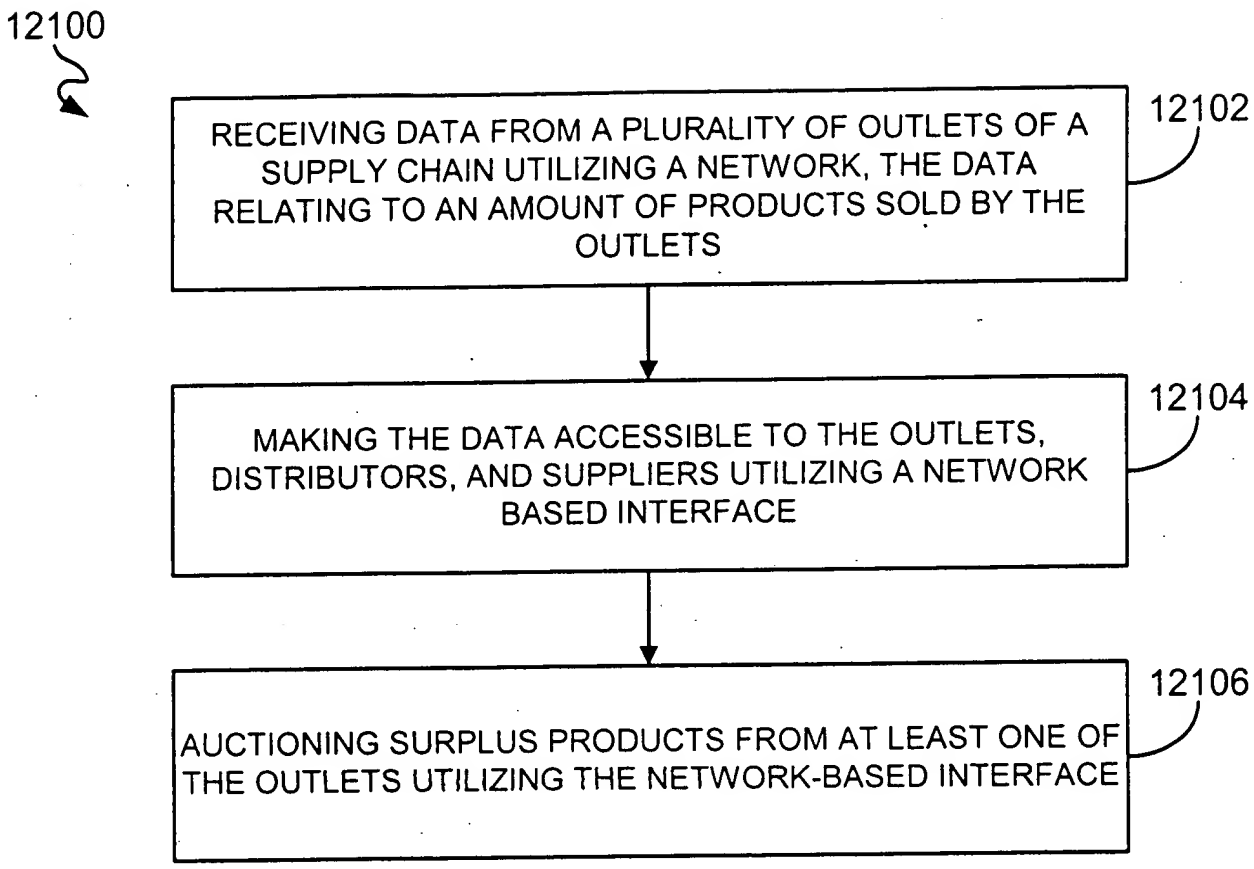


FIG. 121

PRINT OF DRAWINGS
AS ORIGINALLY FILED

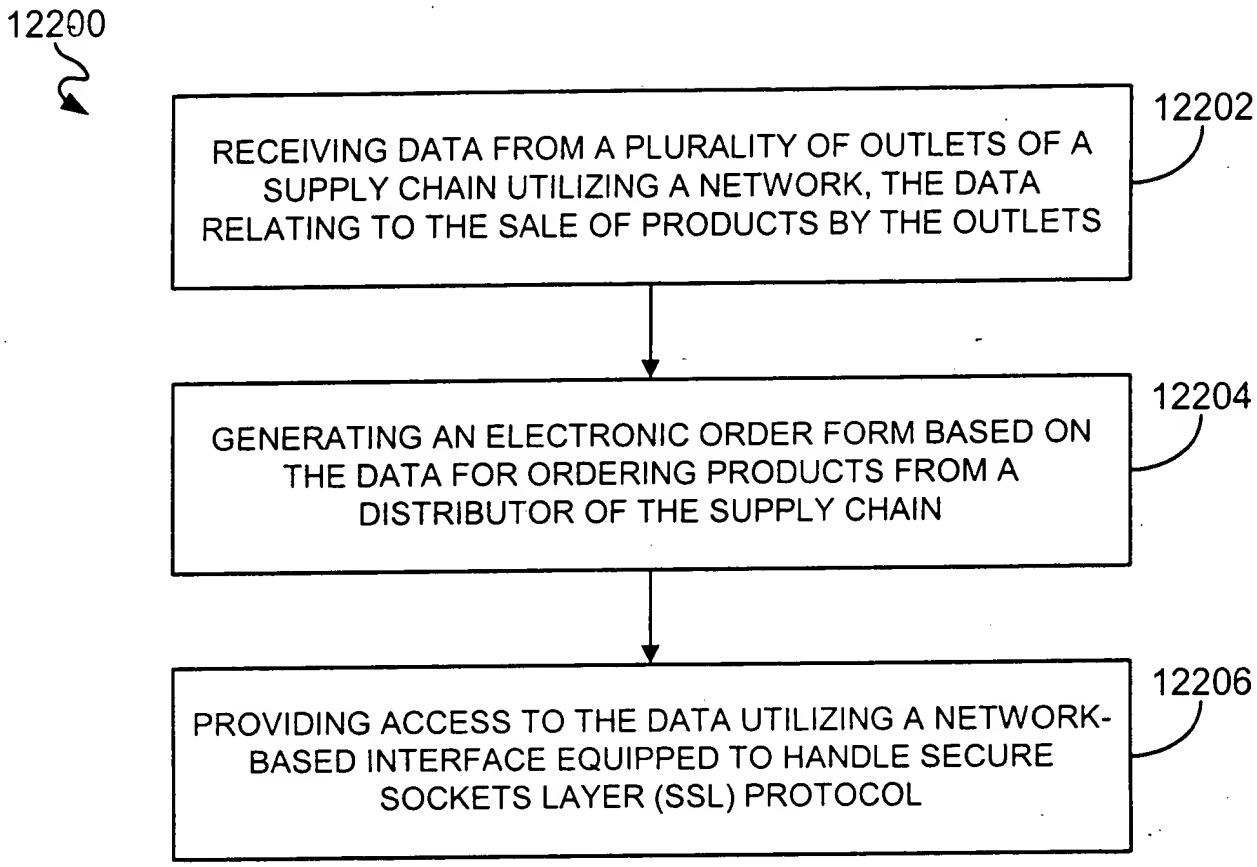


FIG. 122

PRINT OF DRAWINGS
AS ORIGINALLY FILED

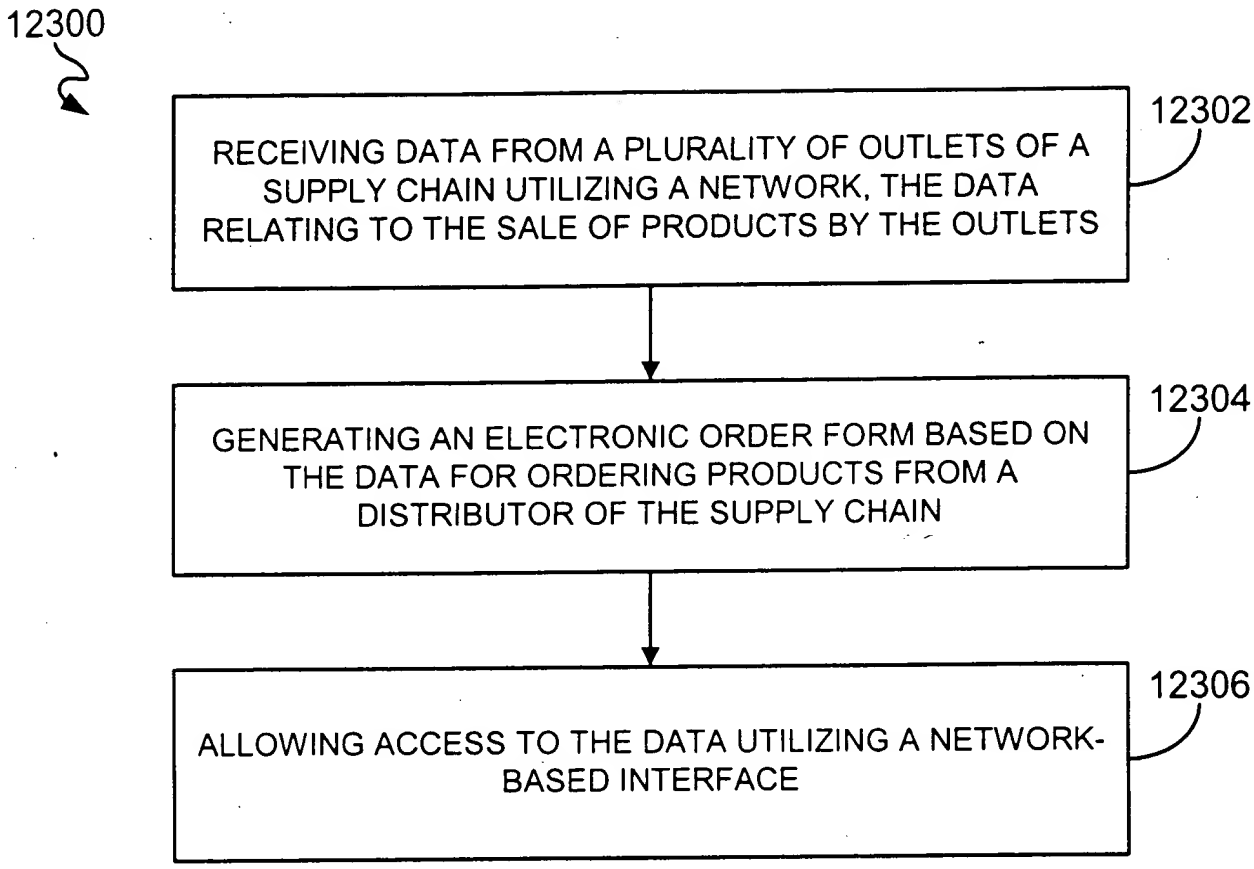


FIG. 123

PRINT OF DRAWINGS
AS ORIGINALLY FILED

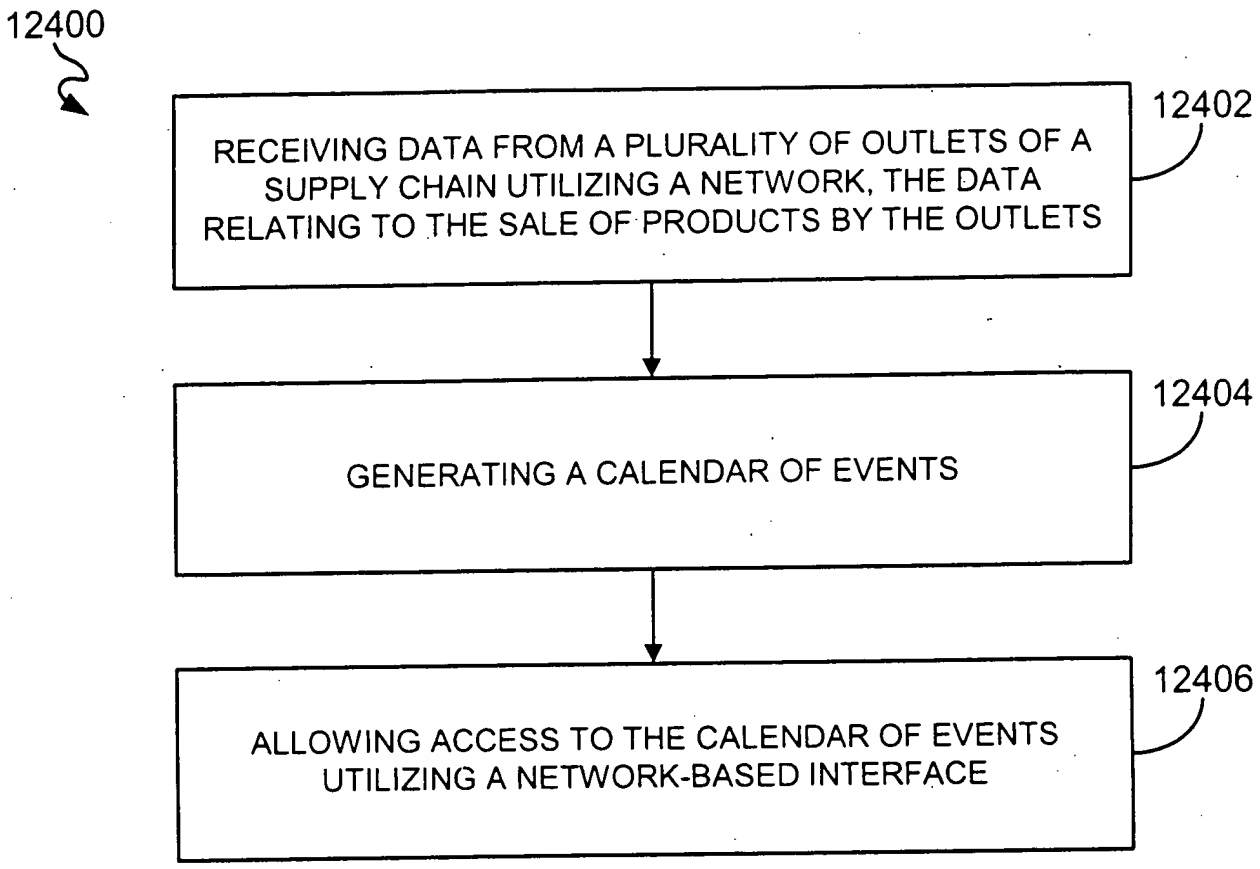


FIG. 124

PRINT OF DRAWINGS
AS ORIGINALLY FILED

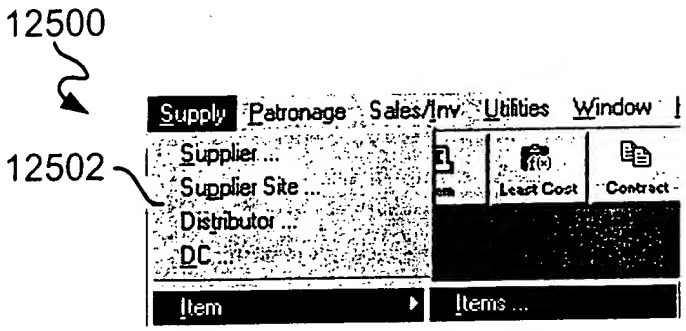


FIG. 125

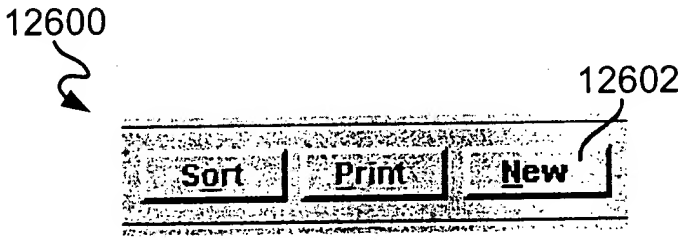


FIG. 126

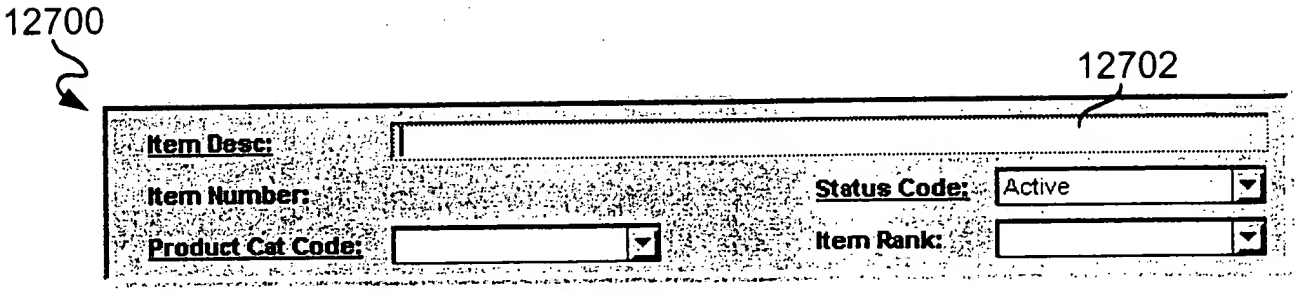


FIG. 127

PRINT OF DRAWINGS
AS ORIGINALLY FILED

12800

Landed Cost by Distribution Center

Item	Inv FOB	Freight	Landed	Routing
Bag - Medium	4.85	0.23	5.08	TL
Bag - Large	6.7	0.23	6.93	TL
Biscuits - Frozen	12.33	1.15	13.48	TL
Brush - Pot, Long Handle	40.2	2.02	42.22	TL
Brush - Pot, Short Handle	24	1.39	25.39	TL
Carton - Breakfast	16.59	1.1	17.69	RDC
Carton - Large Fry	29.91	0.81	30.72	RDC
Carton - Medium Fry	18.92	0.73	19.65	TLMIN

FIG. 128

PRINT OF DRAWINGS
AS ORIGINALLY FILED

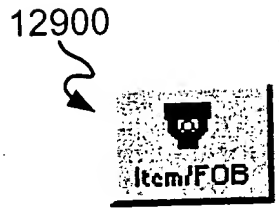


FIG. 129

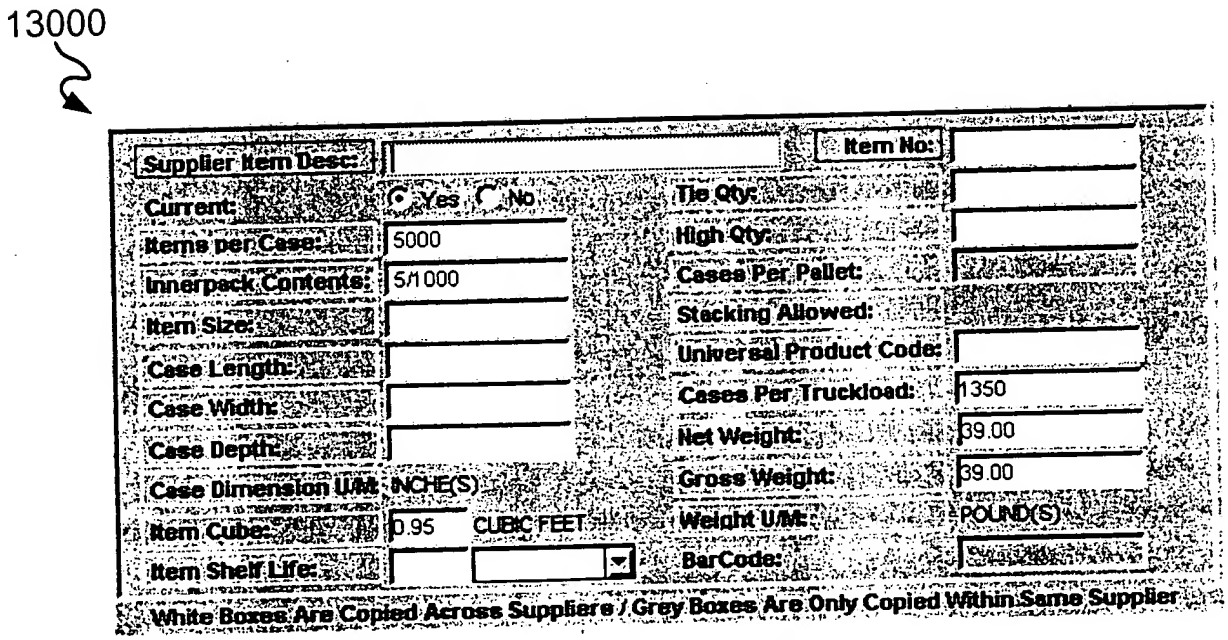


FIG. 130

PRINT OF DRAWINGS
AS ORIGINALLY FILED

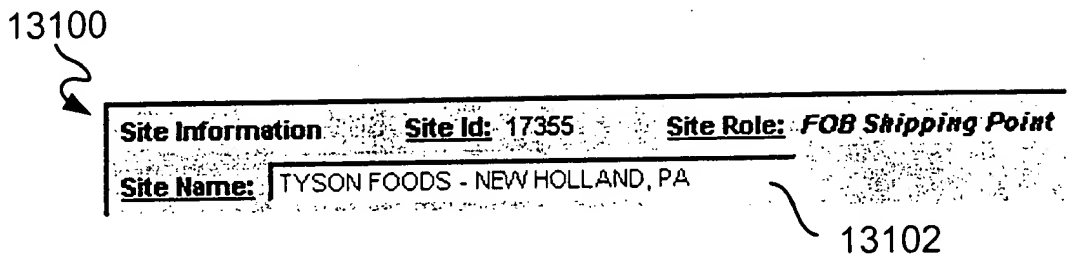


FIG. 131

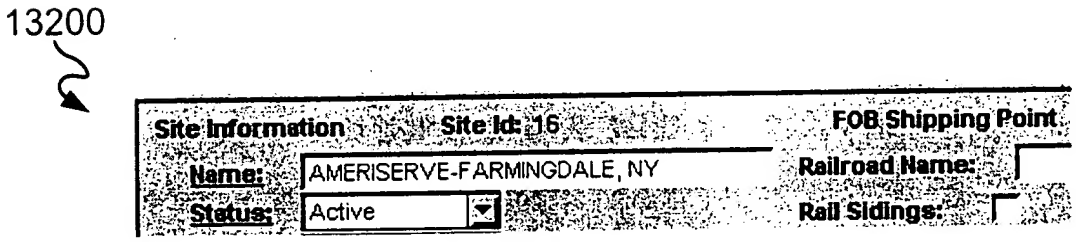


FIG. 132

PRINT OF DRAWINGS
AS ORIGINALLY FILED

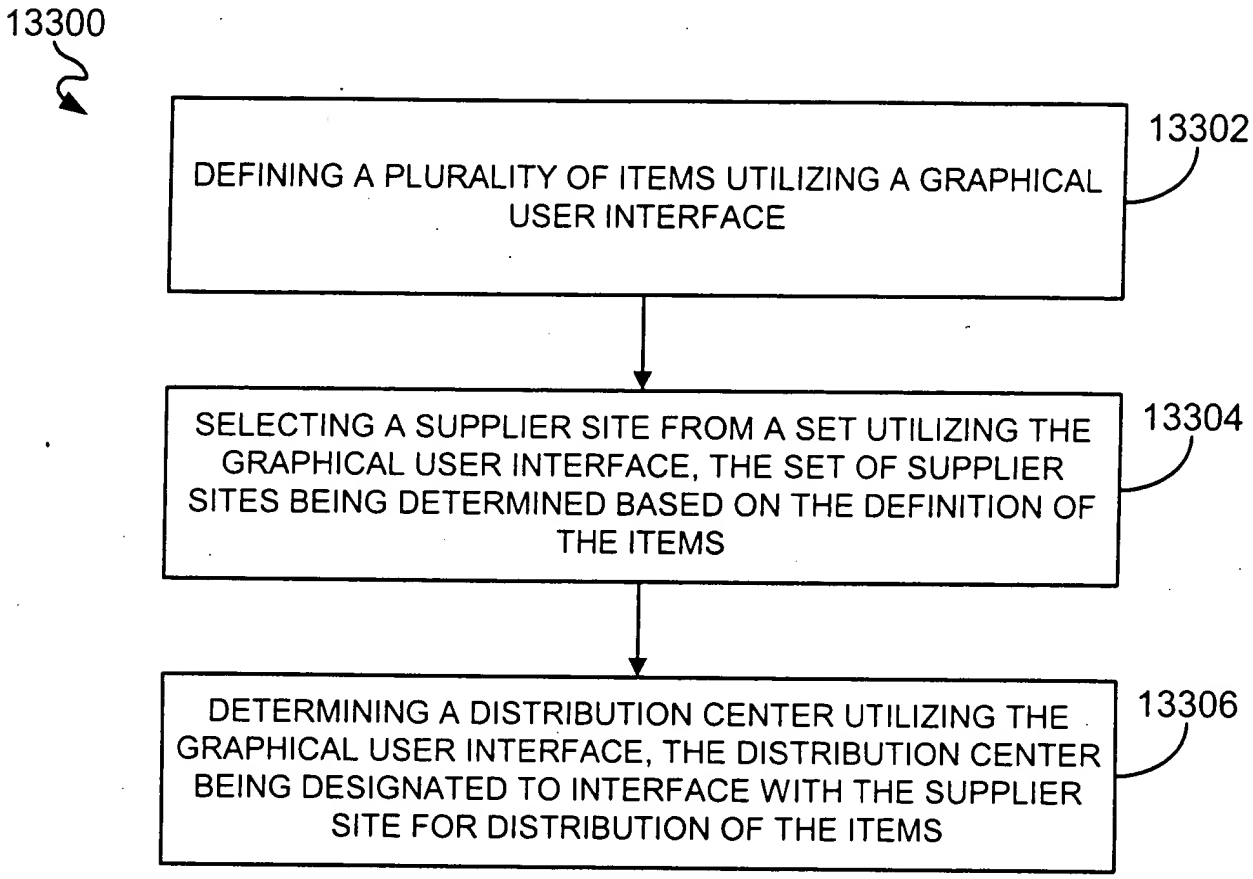


FIG. 133

PRINT OF DRAWINGS
AS ORIGINALLY FILED

13400

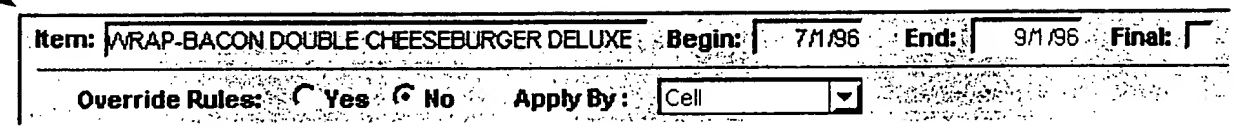


FIG. 134

13500

DC	Supplier FOB Point
AMERISERVE-DENVER, CO	TYSON FOODS - GREEN FOREST, AR
AMERISERVE-DOUGLASVILLE,	TYSON FOODS - ALBERTVILLE, AL
AMERISERVE-FARMINGDALE, N	TYSON FOODS - NEW HOLLAND, PA

FIG. 135

13600

Con FOB	Inv FOB	Freight	Landed
34.3200	34.3900	0.8400	35.2300
34.3200	34.3900	0.2900	34.6800

FIG. 136

13700

Contr	LB	Trk	Routing
96	83,600	2.0	TL
96	215,040	5.1	TL

FIG. 137

PRINT OF DRAWINGS
AS ORIGINALLY FILED

13800

FIG. 138

13900

Min Ordr	UM	Slip	Deliv.
1	TRUCKLOAD(S	Pallet	
1	TRUCKLOAD(S	Pallet	

FIG. 139

14000

Carrier	Stated Vol
Truck	83,600
Truck	215,040

FIG. 140

14200

FIG. 142

14100

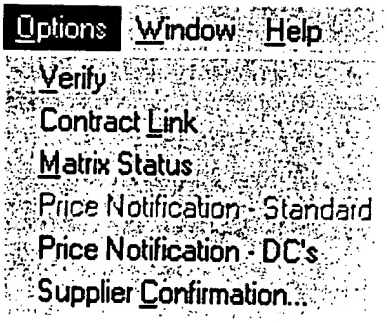


FIG. 141

14300

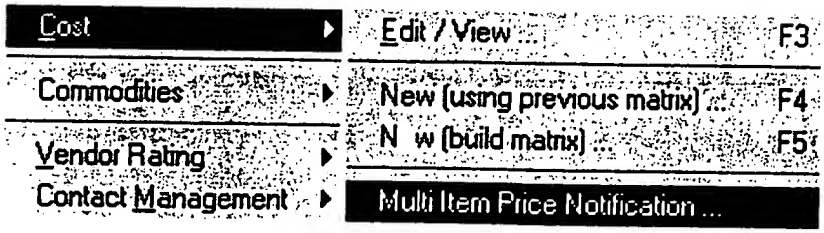


FIG. 143

PRINT OF DRAWINGS
AS ORIGINALLY FILED

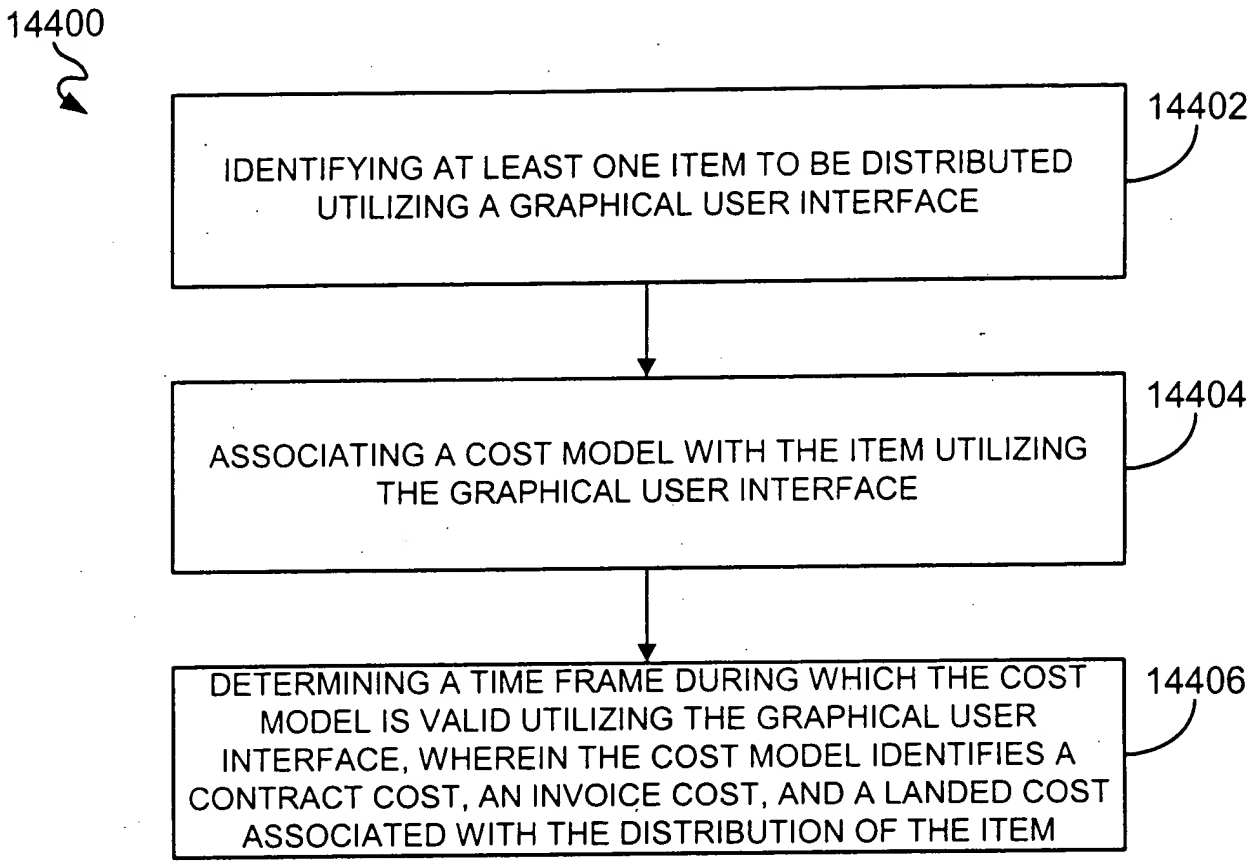


FIG. 144

PRINT OF DRAWINGS
AS ORIGINALLY FILED

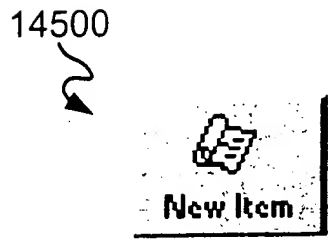


FIG. 145

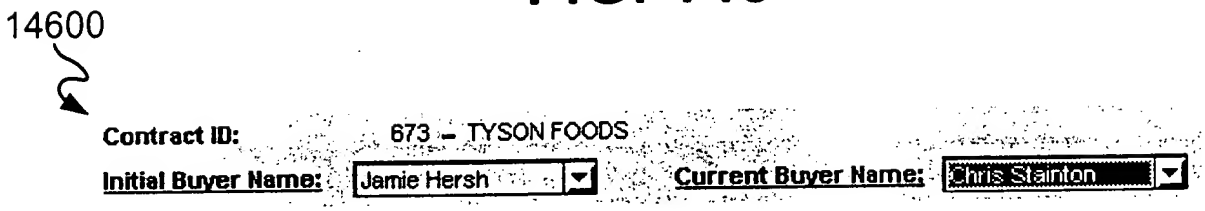


FIG. 146

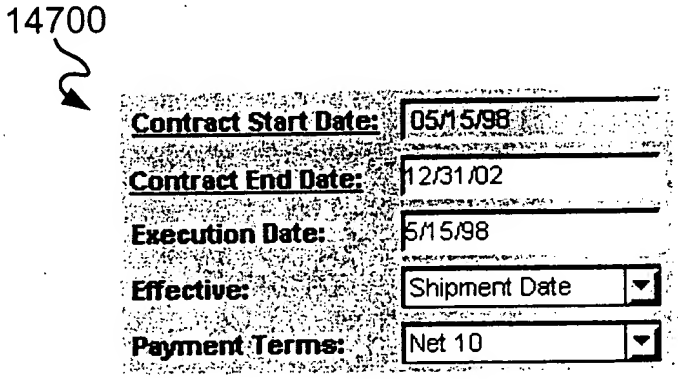


FIG. 147

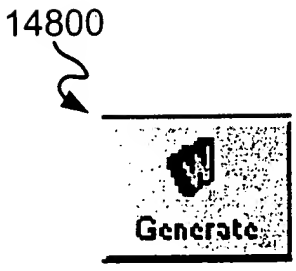


FIG. 148

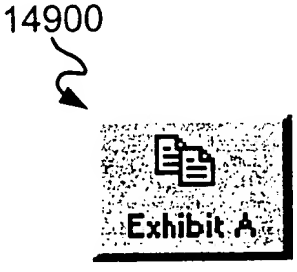


FIG. 149

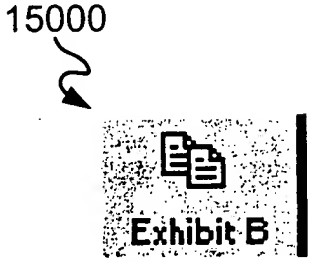


FIG. 150

PRINT OF DRAWINGS
AS ORIGINALLY FILED

15100

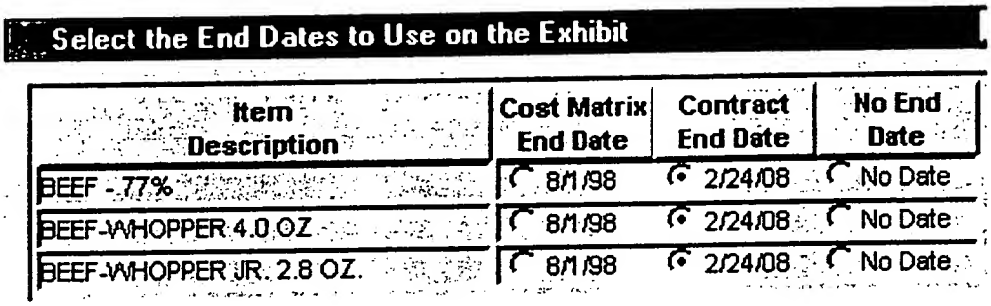


FIG. 151

15200

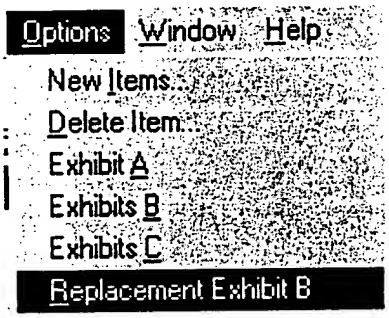


FIG. 152

15300

FIG. 153

PRINT OF DRAWINGS
AS ORIGINALLY FILED

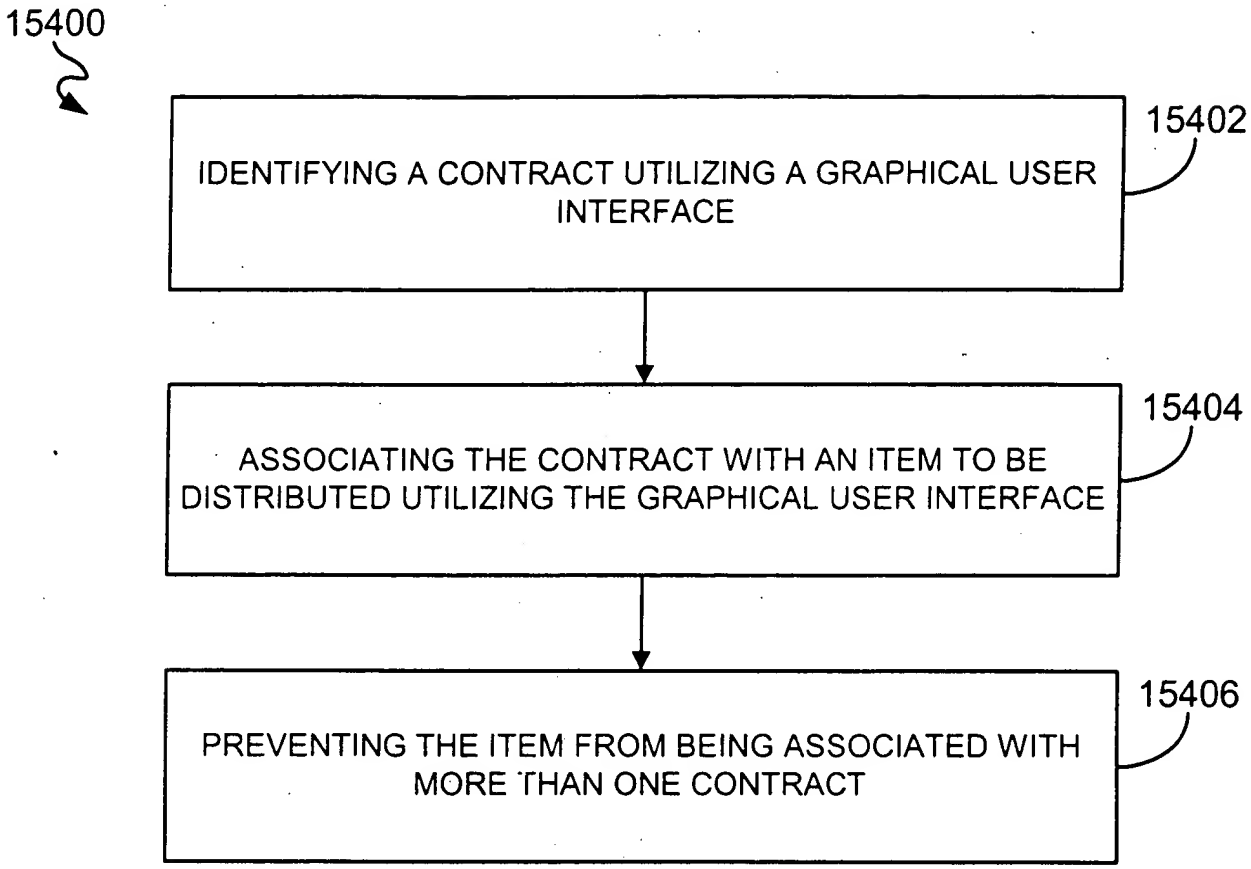


FIG. 154

PRINT OF DRAWINGS
AS ORIGINALLY FILED

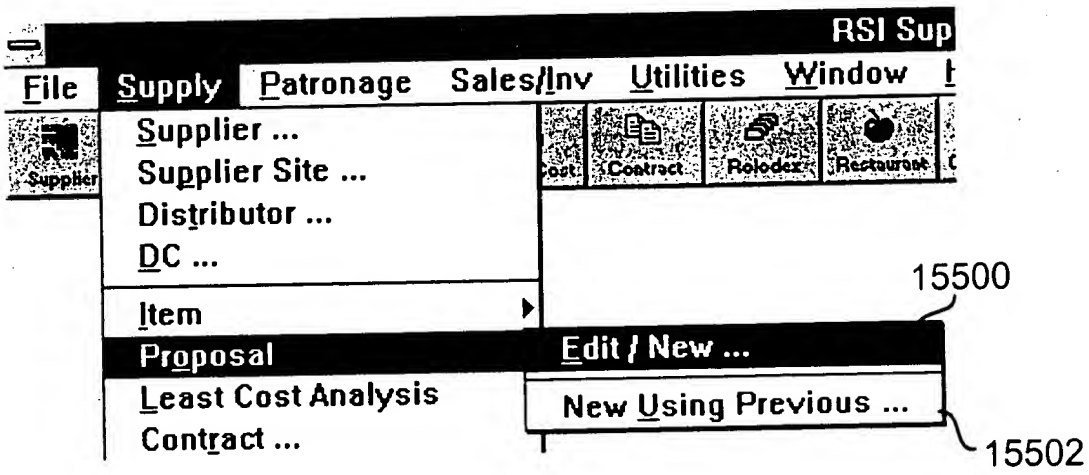


FIG. 155

19500

Item Descripti n	Suppli r FOB
FRIES-COATED	CAVENDISH-PRINCE EDWARD
FRIES-COATED	J.R. SIMPLOT COMPANY-HERMISTON
FRIES-COATED	LAMB-WESTON, INC.-PASCO, WA

Distribution Center	Delivered	#	Volume
AMERISERVE-OMAHA, NE	0.3750	0	0
AMERISERVE-PLYMOUTH, MN	0.3850	0	0
AMERISERVE-WAUKESHA	0.3670	0	0
FLEMING FOODS-KAPOLEI	0.4725	0	0
KING PROVISION-ATLANTA	0.3950	0	0

FIG. 195

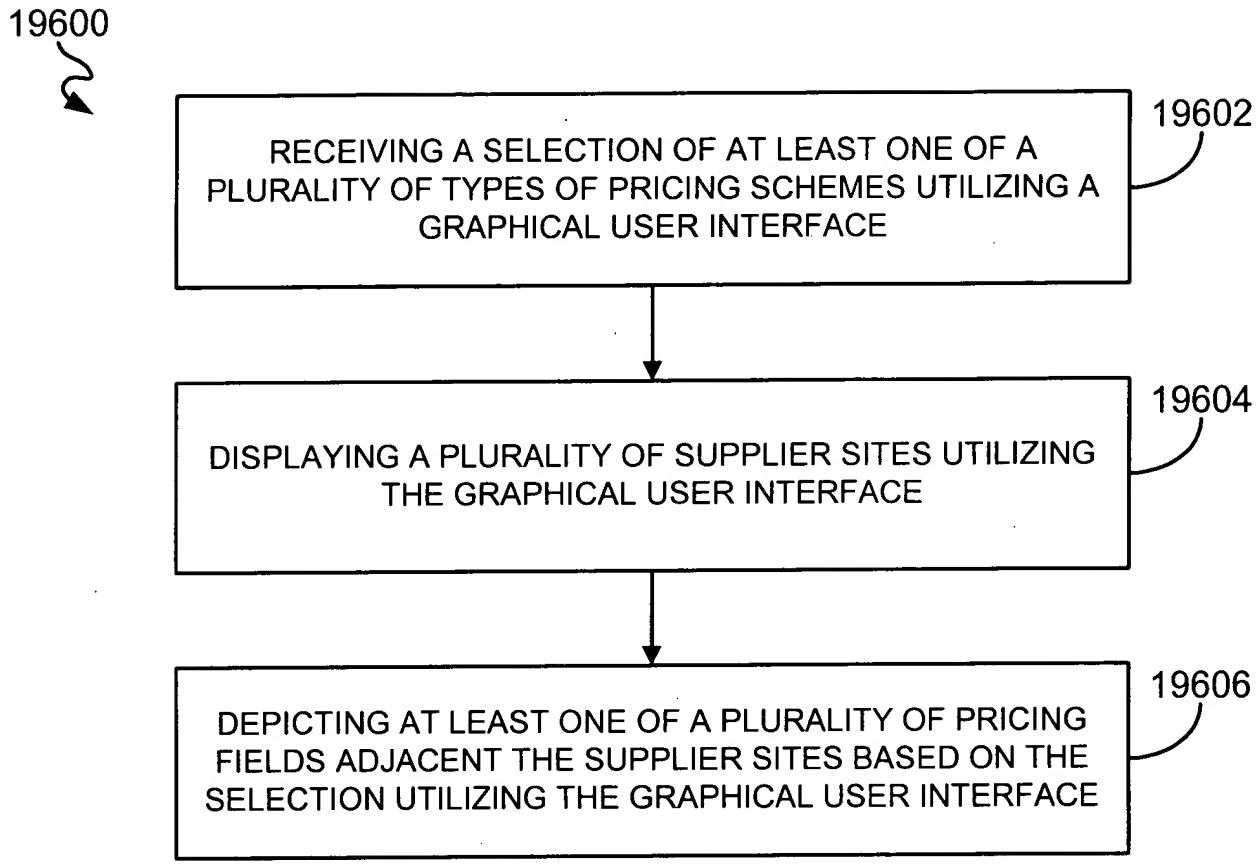
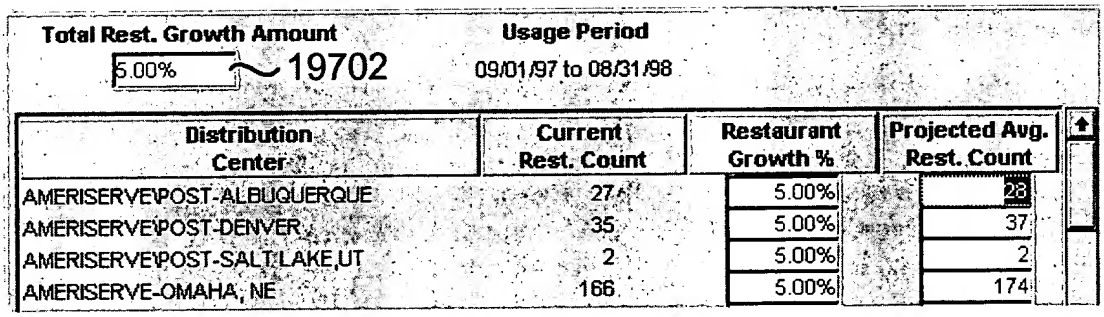

19600
RECEIVING A SELECTION OF AT LEAST ONE OF A PLURALITY OF TYPES OF PRICING SCHEMES UTILIZING A GRAPHICAL USER INTERFACE
19602
DISPLAYING A PLURALITY OF SUPPLIER SITES UTILIZING THE GRAPHICAL USER INTERFACE
19604
DEPICTING AT LEAST ONE OF A PLURALITY OF PRICING FIELDS ADJACENT THE SUPPLIER SITES BASED ON THE SELECTION UTILIZING THE GRAPHICAL USER INTERFACE
19606

FIG. 196

19700

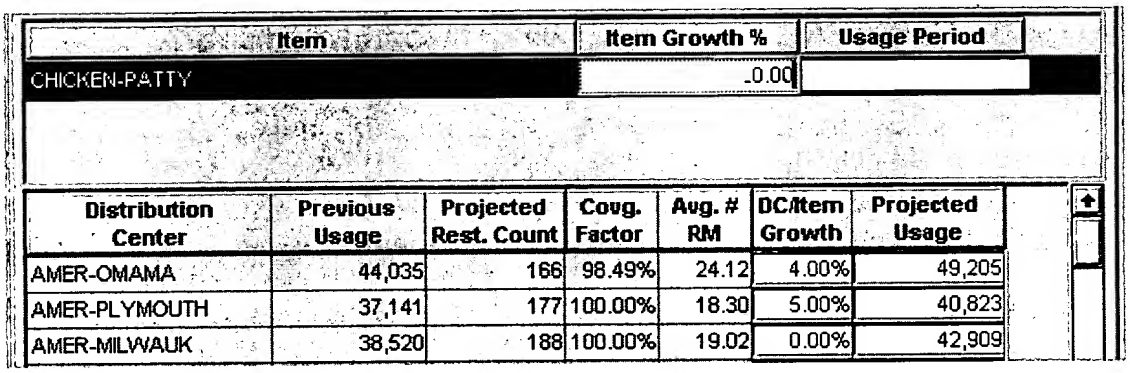


Total Rest. Growth Amount	Usage Period
5.00% ~19702	09/01/97 to 08/31/98

Distribution Center	Current Rest. Count	Restaurant Growth %	Projected Avg. Rest. Count
AMERISERVE\POST-ALBUQUERQUE	27	5.00%	28
AMERISERVE\POST-DENVER	35	5.00%	37
AMERISERVE\POST-SALT LAKE,UT	2	5.00%	2
AMERISERVE-OMAHA, NE	166	5.00%	174

FIG. 197

19800



Item	Item Growth %	Usage Period
CHICKEN-PATTY	0.00	

Distribution Center	Previous Usage	Projected Rest. Count	Covg. Factor	Avg. # RM	DC/Item Growth	Projected Usage
AMER-OMAMA	44,035	166	98.49%	24.12	4.00%	49,205
AMER-PLYMOUTH	37,141	177	100.00%	18.30	5.00%	40,823
AMER-MILWAUK	38,520	188	100.00%	19.02	0.00%	42,909

FIG. 198

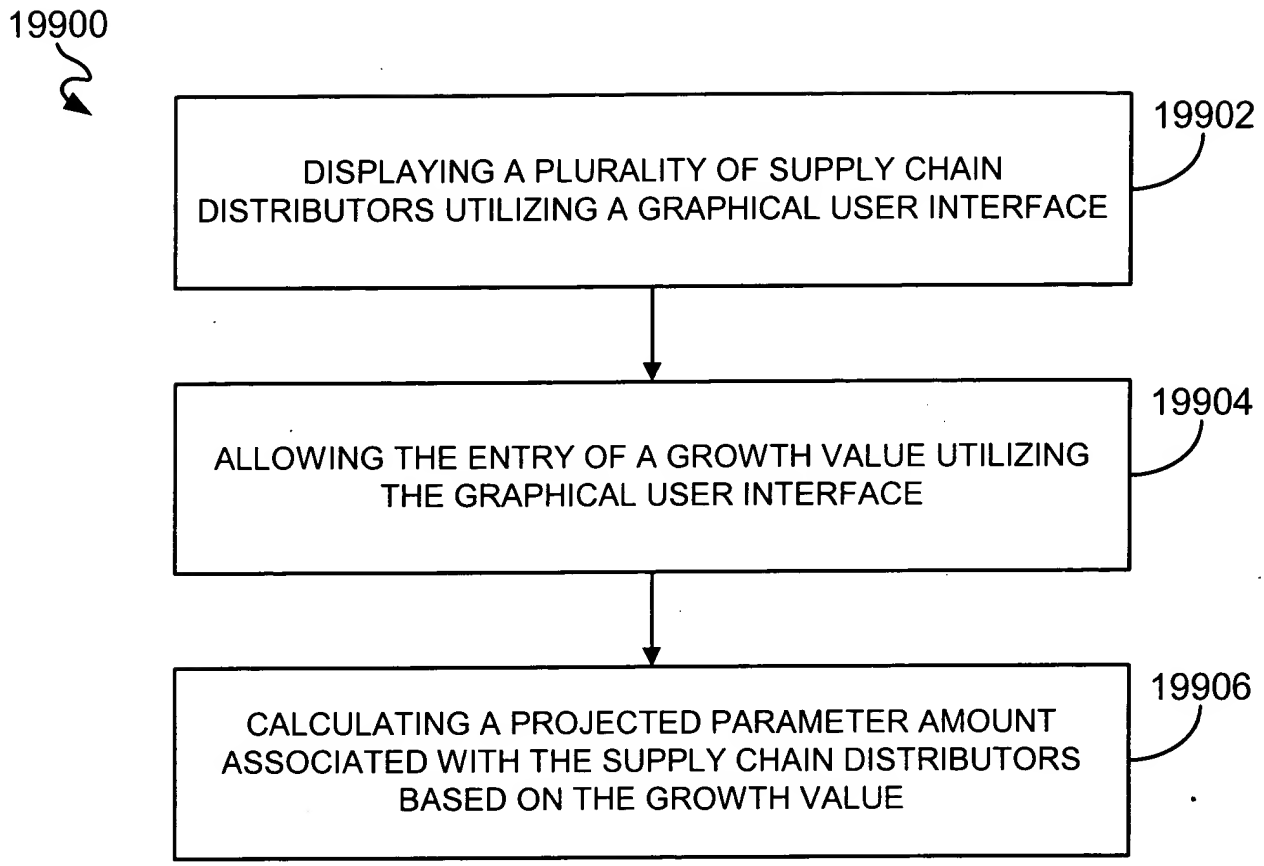

19900
DISPLAYING A PLURALITY OF SUPPLY CHAIN DISTRIBUTORS UTILIZING A GRAPHICAL USER INTERFACE
19902
ALLOWING THE ENTRY OF A GROWTH VALUE UTILIZING THE GRAPHICAL USER INTERFACE
19904
CALCULATING A PROJECTED PARAMETER AMOUNT ASSOCIATED WITH THE SUPPLY CHAIN DISTRIBUTORS BASED ON THE GROWTH VALUE
19906

FIG. 199

20000

Supplier FOB	Address		
CAVENDISH FARMS	Dieppe	NB	E1A6X4
J.R. SIMPLOT COMPANY-HERMISTON, OR	Hermiston	OR	99999
LAMB-WESTON, INC.-AMERICAN FALLS ID	American Falls	ID	83211

Distribution Center	Lane Restriction			Honor TL Rate
AMERISERVE/POST-ALBUQUERQUE	○ Solver	○ Required	◉ Excluded	☐
AMERISERVE/POST-DENVER	○ Solver	○ Required	◉ Excluded	☐
AMERISERVE/POST-SALT LAKE,UT	○ Solver	○ Required	◉ Excluded	☐
AMERISERVE-OMAHA, NE	○ Solver	○ Required	◉ Excluded	☐
AMERISERVE-PLYMOUTH, MN	○ Solver	○ Required	◉ Excluded	☐

20002

FIG. 200

20100

Supplier FOB	Address		
CAVENDISH FARMS	Dieppe	NB	E1A6X4
J.R. SIMPLOT COMPANY-HERMISTON, OR	Hermiston	OR	99999
LAMB-WESTON, INC.-AMERICAN FALLS ID	American Falls	ID	83211

Distribution Center	Lane Restriction		
AMERISERVE\POST-ALBUQUERQUE	○ Solver	◉ Required	○ Excluded
AMERISERVE\POST-DENVER	◉ Solver	○ Required	○ Excluded

FIG. 201

20200

Invalid Selection

AMERISERVE\POST-ALBUQUERQUE is already required by J.R. SIMPLOT COMPANY-HERMISTON, OR.

OK

FIG. 202

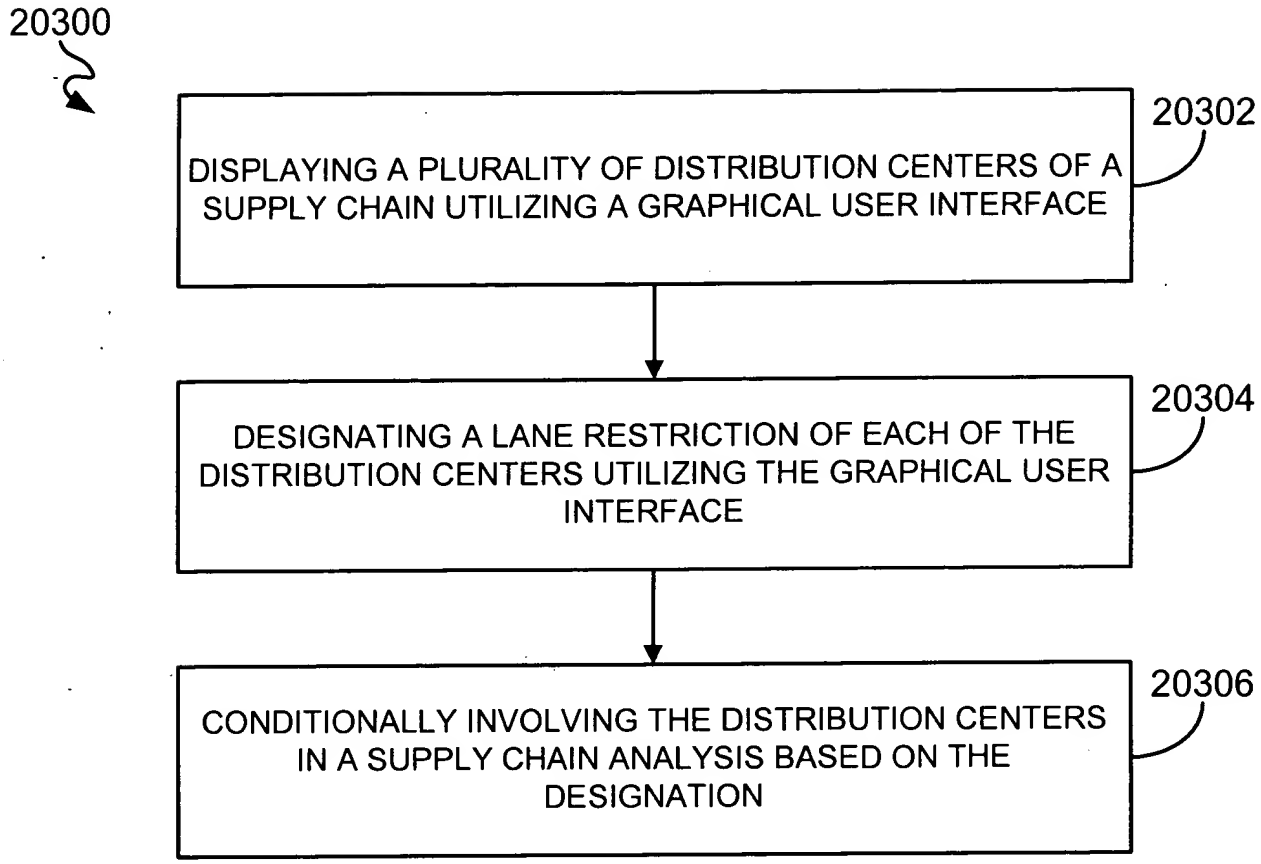

20300
DISPLAYING A PLURALITY OF DISTRIBUTION CENTERS OF A SUPPLY CHAIN UTILIZING A GRAPHICAL USER INTERFACE
20302
DESIGNATING A LANE RESTRICTION OF EACH OF THE DISTRIBUTION CENTERS UTILIZING THE GRAPHICAL USER INTERFACE
20304
CONDITIONALLY INVOLVING THE DISTRIBUTION CENTERS IN A SUPPLY CHAIN ANALYSIS BASED ON THE DESIGNATION
20306

FIG. 203

20400

Supplier FOB	Address		
CAVENDISH FARMS	Dieppe	NB	E1A6X4
J.R. SIMPLOT COMPANY-HERMISTON, OR	Hermiston	OR	99999
LAMB-WESTON, INC.-AMERICAN FALLS ID	American Falls	ID	83211

Distribution Center	Truckload Freight	Lane Distance
AMERISERVE\POST-ALBUQUERQUE	1,617	
AMERISERVE\POST-DENVER	1,277	
AMERISERVE\POST-SALT LAKE,UT	691	

FIG. 204

20500

Supplier FOB	Address		
O.K. FOODS-FORT SMITH AR	Fort Smith	AR	72904
TYSON FOODS-GREEN FORREST, AR	Green Forest	AR	72638
TYSON FOODS-RUSSELVILLE AR	Russelville	AR	72801

Distribution Center	Weight	LTL Minimum	0 to 1,000 LBS	1,001 to 5,000 LBS	5,001 to 10,000 LBS	10,001 to 20,000 LBS	20,000 LBS +
PS-ATLANTA	15,000					1.10	
PS-BURLINGTON	15,000	400.00				1.20	

FIG. 205

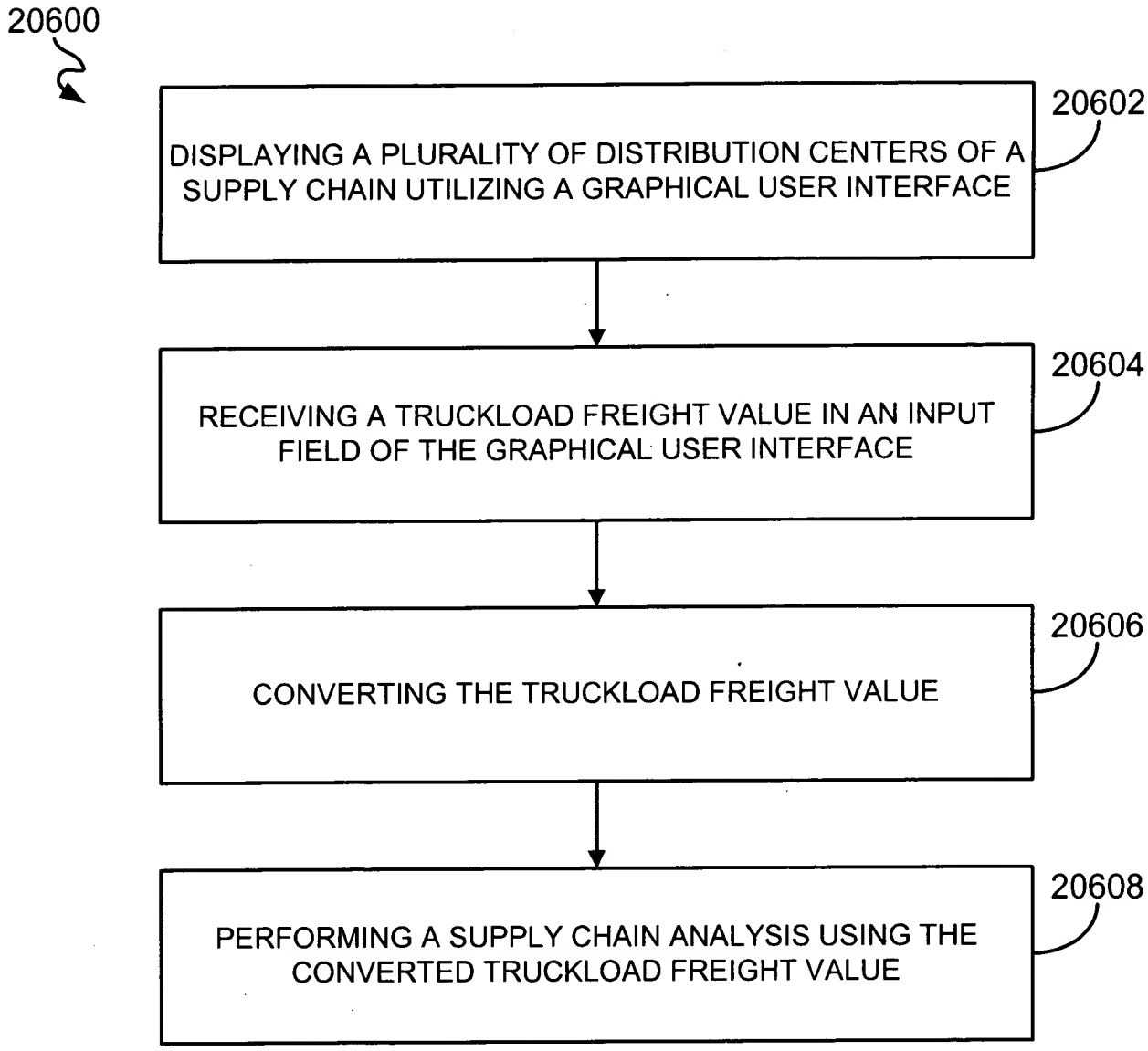
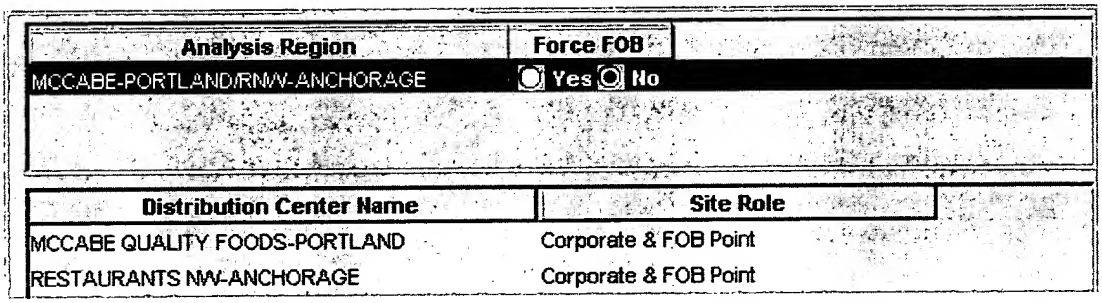

20600
DISPLAYING A PLURALITY OF DISTRIBUTION CENTERS OF A SUPPLY CHAIN UTILIZING A GRAPHICAL USER INTERFACE
20602
RECEIVING A TRUCKLOAD FREIGHT VALUE IN AN INPUT FIELD OF THE GRAPHICAL USER INTERFACE
20604
CONVERTING THE TRUCKLOAD FREIGHT VALUE
20606
PERFORMING A SUPPLY CHAIN ANALYSIS USING THE CONVERTED TRUCKLOAD FREIGHT VALUE
20608

FIG. 206

20700



Analysis Region	Force FOB
MCCABE-PORTLAND/RNW-ANCHORAGE	○ Yes ○ No

Distribution Center Name	Site Role
MCCABE QUALITY FOODS-PORTLAND	Corporate & FOB Point
RESTAURANTS NW-ANCHORAGE	Corporate & FOB Point

FIG. 207

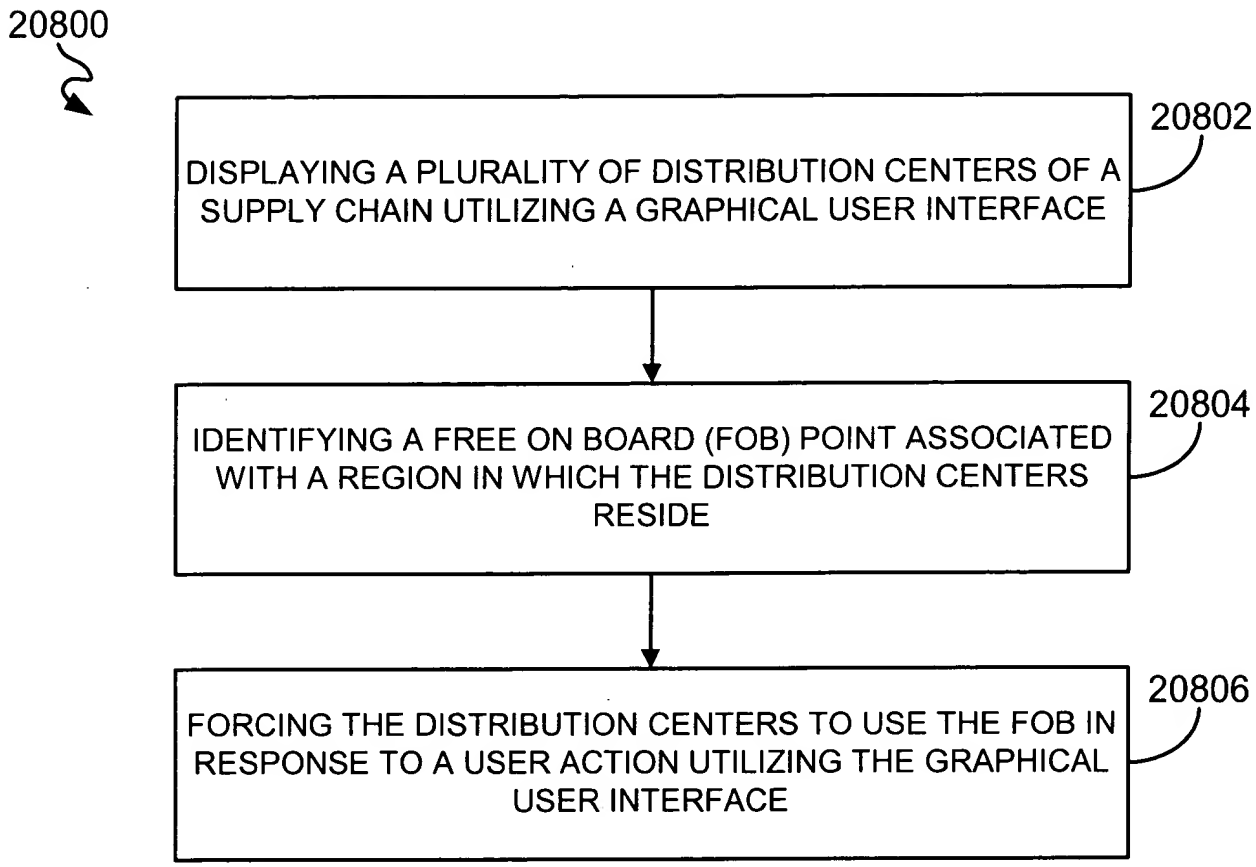

20800
DISPLAYING A PLURALITY OF DISTRIBUTION CENTERS OF A SUPPLY CHAIN UTILIZING A GRAPHICAL USER INTERFACE
20802
IDENTIFYING A FREE ON BOARD (FOB) POINT ASSOCIATED WITH A REGION IN WHICH THE DISTRIBUTION CENTERS RESIDE
20804
FORCING THE DISTRIBUTION CENTERS TO USE THE FOB IN RESPONSE TO A USER ACTION UTILIZING THE GRAPHICAL USER INTERFACE
20806

FIG. 208

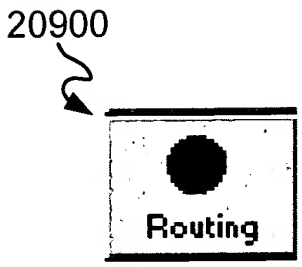


FIG. 209

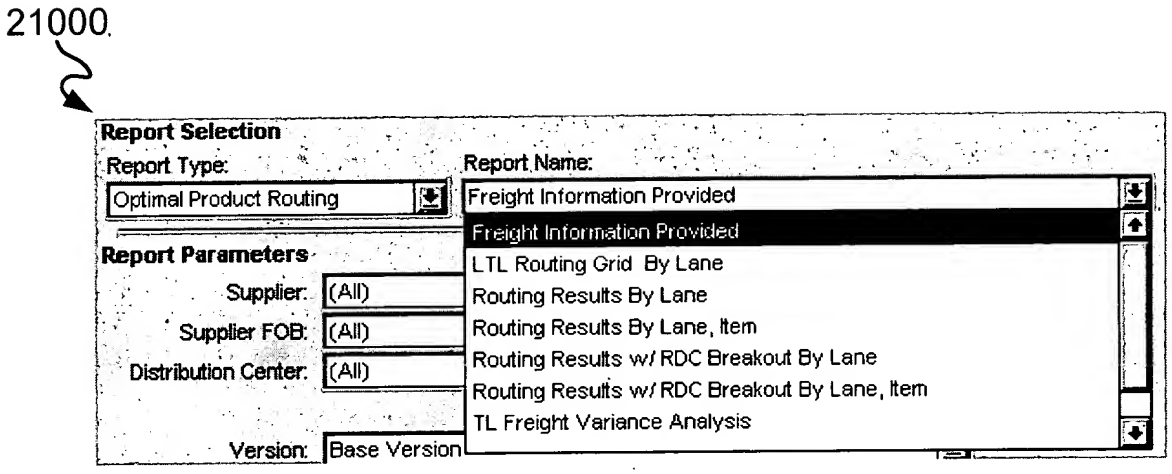


FIG. 210

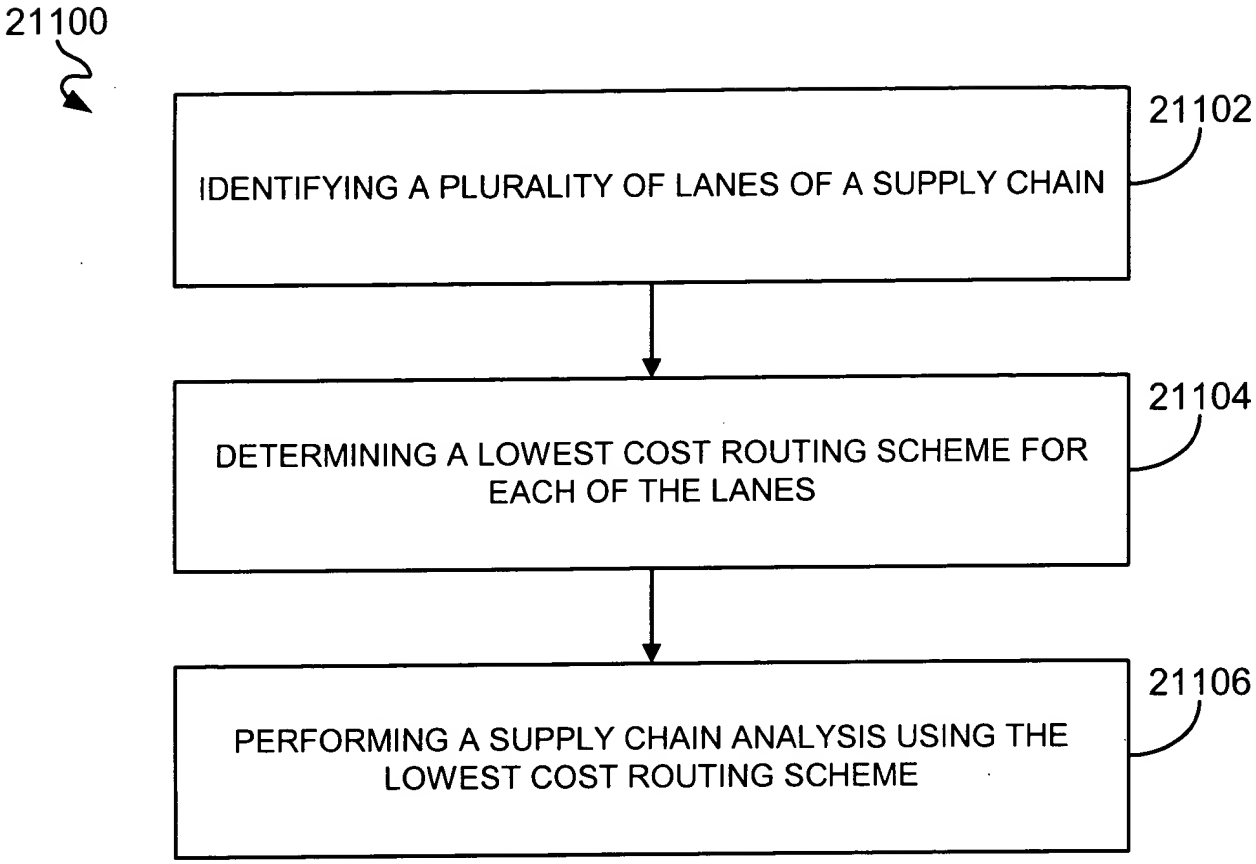

21100
IDENTIFYING A PLURALITY OF LANES OF A SUPPLY CHAIN
21102
DETERMINING A LOWEST COST ROUTING SCHEME FOR EACH OF THE LANES
21104
PERFORMING A SUPPLY CHAIN ANALYSIS USING THE LOWEST COST ROUTING SCHEME
21106

FIG. 211

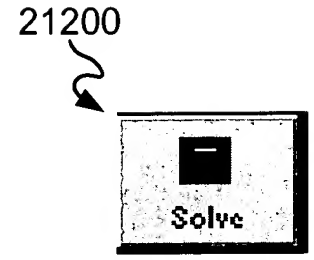


FIG. 212

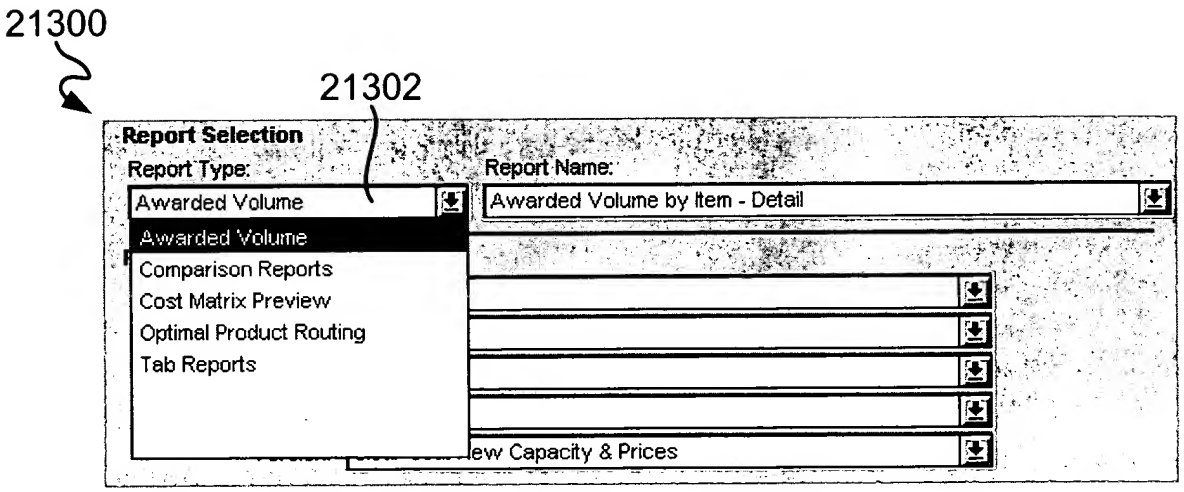


FIG. 213

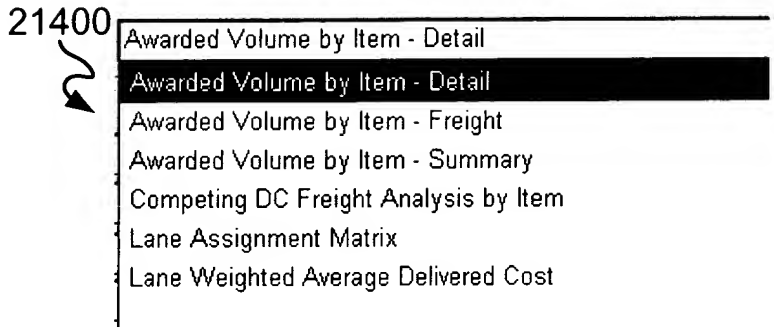


FIG. 214

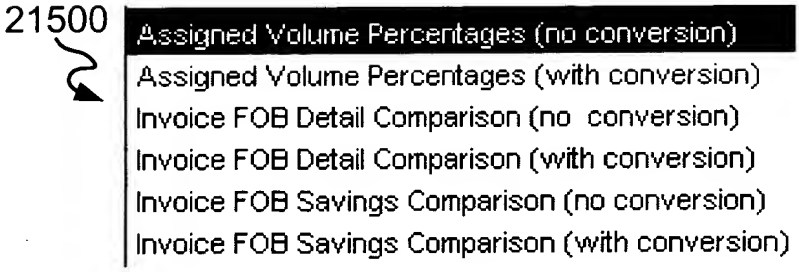


FIG. 215

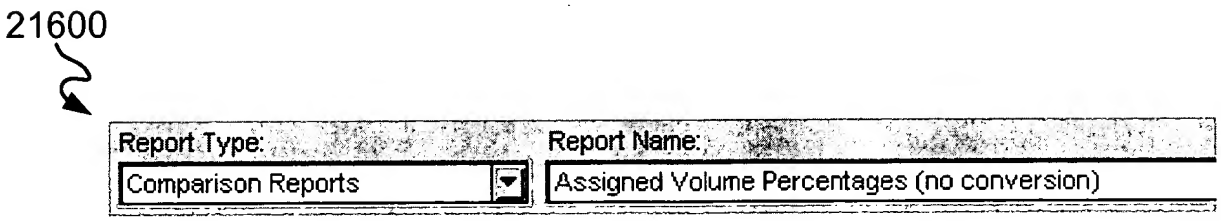


FIG. 216

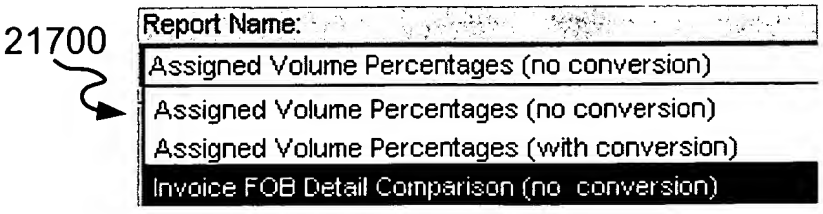


FIG. 217

21800

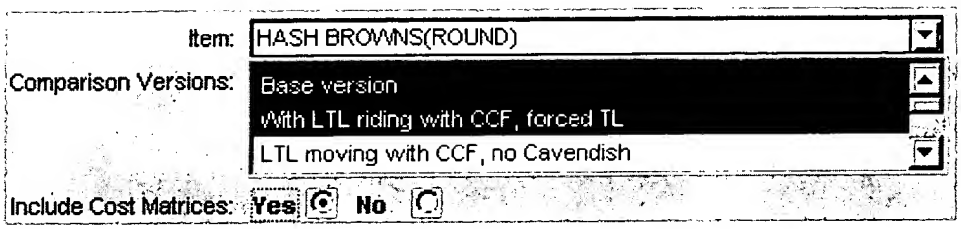


FIG. 218

21900

FIG. 219

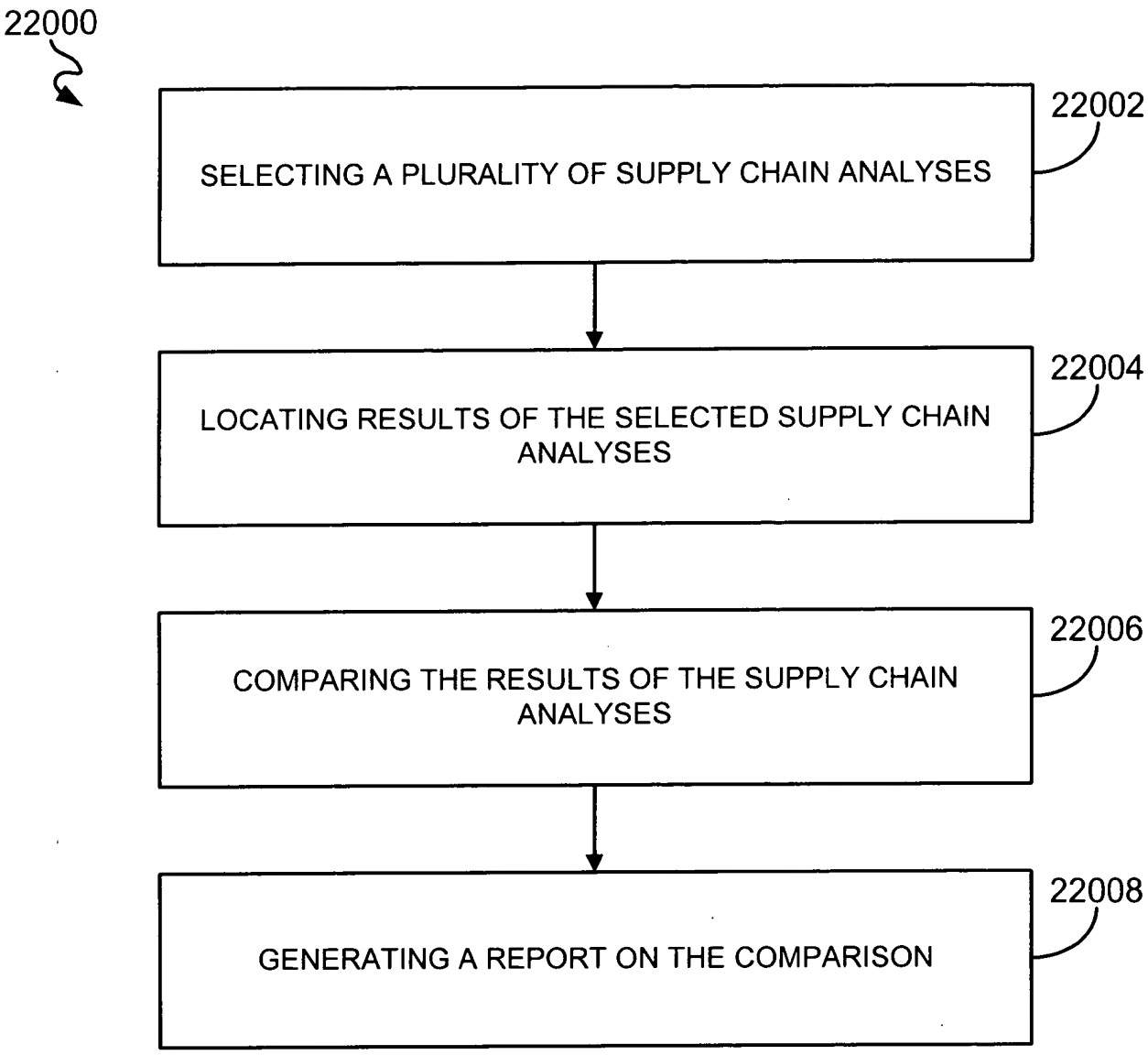

22000
SELECTING A PLURALITY OF SUPPLY CHAIN ANALYSES
22002
LOCATING RESULTS OF THE SELECTED SUPPLY CHAIN ANALYSES
22004
COMPARING THE RESULTS OF THE SUPPLY CHAIN ANALYSES
22006
GENERATING A REPORT ON THE COMPARISON
22008

FIG. 220

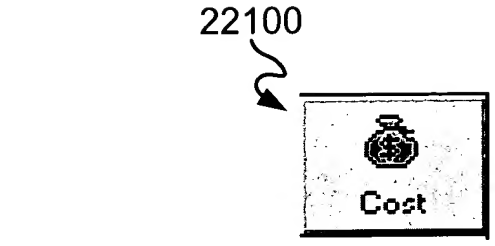


FIG. 221

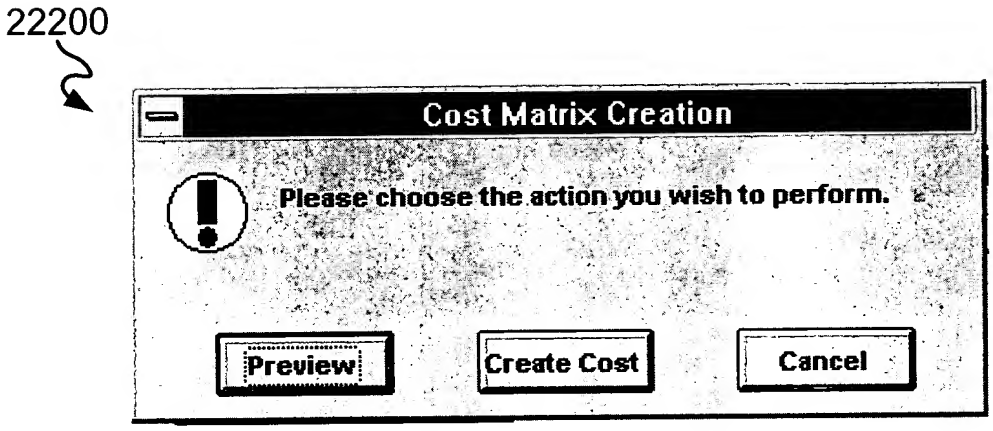


FIG. 222

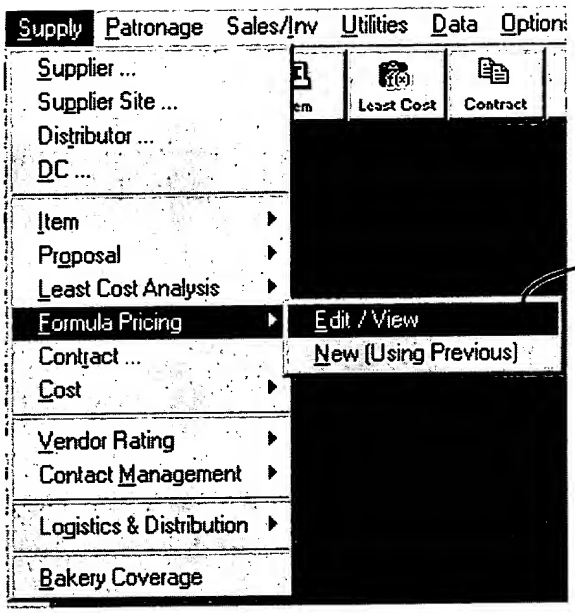


FIG. 223

22400

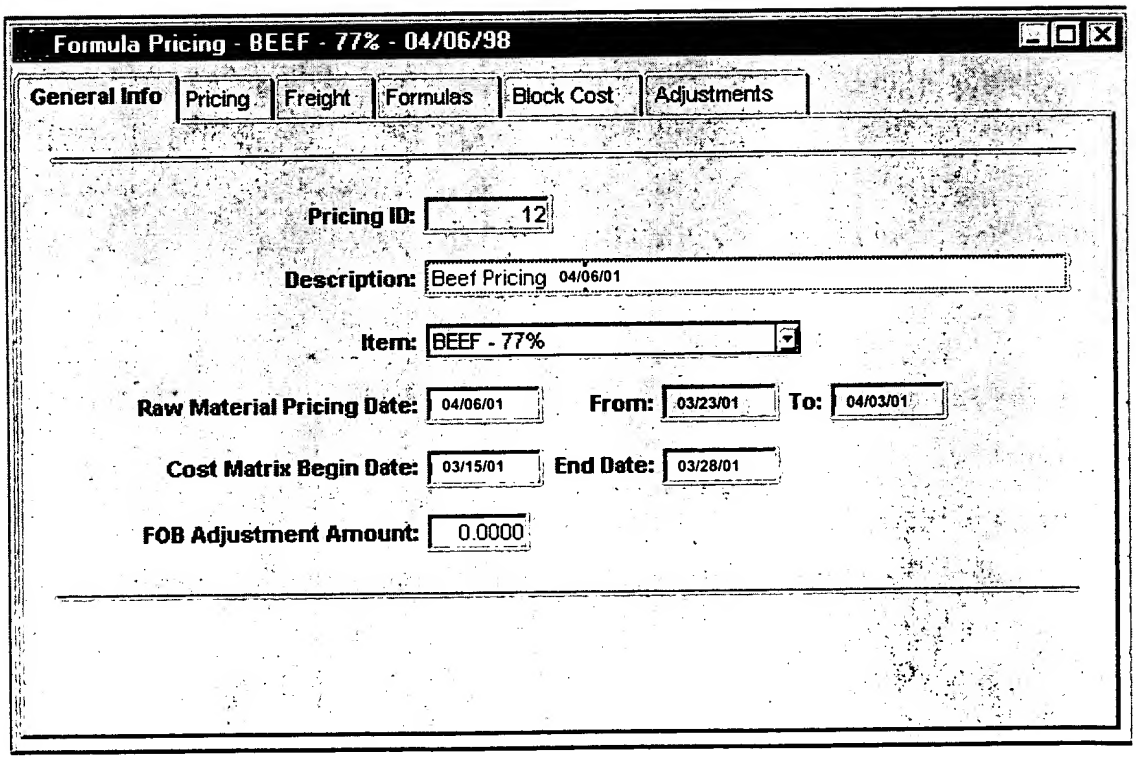
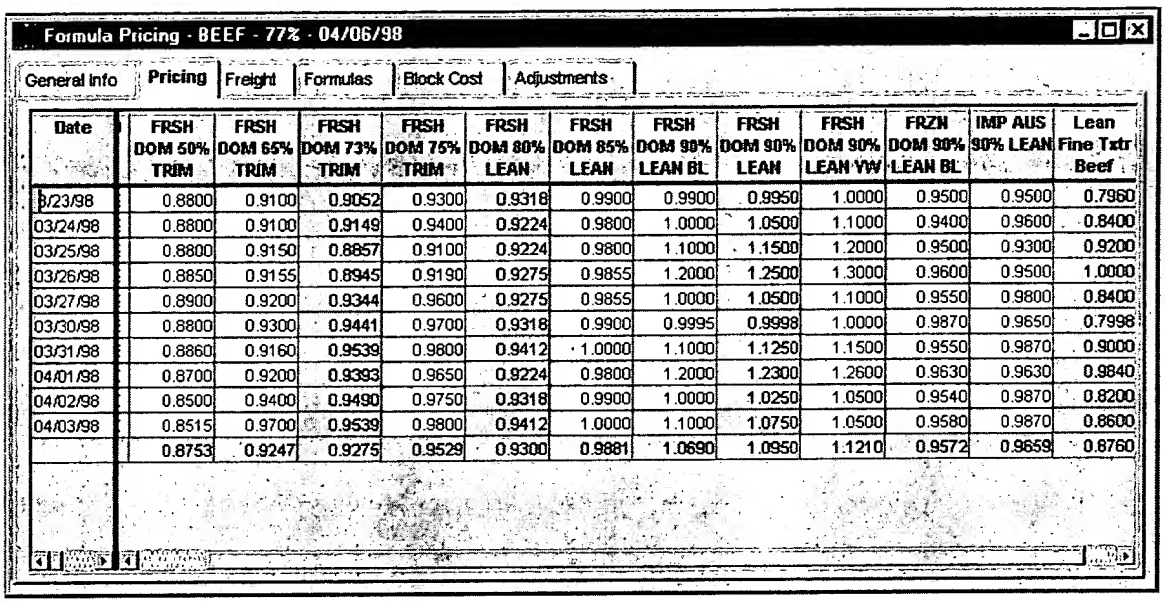


FIG. 224

22500



Date	FRSH DOM 50% TRIM	FRSH DOM 65% TRIM	FRSH DOM 73% TRIM	FRSH DOM 75% TRIM	FRSH DOM 80% LEAN	FRSH DOM 85% LEAN	FRSH DOM 90% LEAN BL	FRSH DOM 90% LEAN	FRSH DOM 90% LEAN YW	FRZN DOM 90% LEAN BL	IMP AUS 90% LEAN	Lean Fine Txtr Beef
3/23/98	0.8800	0.9100	0.9052	0.9300	0.9318	0.9900	0.9900	0.9950	1.0000	0.9500	0.9500	0.7960
03/24/98	0.8800	0.9100	0.9149	0.9400	0.9224	0.9800	1.0000	1.0500	1.1000	0.9400	0.9600	0.8400
03/25/98	0.8800	0.9150	0.8857	0.9100	0.9224	0.9800	1.1000	1.1500	1.2000	0.9500	0.9300	0.9200
03/26/98	0.8850	0.9155	0.8945	0.9190	0.9275	0.9855	1.2000	1.2500	1.3000	0.9600	0.9500	1.0000
03/27/98	0.8900	0.9200	0.9344	0.9600	0.9275	0.9855	1.0000	1.0500	1.1000	0.9550	0.9800	0.8400
03/30/98	0.8800	0.9300	0.9441	0.9700	0.9318	0.9900	0.9995	0.9998	1.0000	0.9870	0.9650	0.7998
03/31/98	0.8860	0.9160	0.9539	0.9800	0.9412	1.0000	1.1000	1.1250	1.1500	0.9550	0.9870	0.9000
04/01/98	0.8700	0.9200	0.9393	0.9650	0.9224	0.9800	1.2000	1.2300	1.2600	0.9630	0.9630	0.9840
04/02/98	0.8500	0.9400	0.9490	0.9750	0.9318	0.9900	1.0000	1.0250	1.0500	0.9540	0.9870	0.8200
04/03/98	0.8515	0.9700	0.9539	0.9800	0.9412	1.0000	1.1000	1.0750	1.0500	0.9580	0.9870	0.8600
	0.8753	0.9247	0.9275	0.9529	0.9300	0.9881	1.0690	1.0950	1.1210	0.9572	0.9659	0.8760

FIG. 225

22600

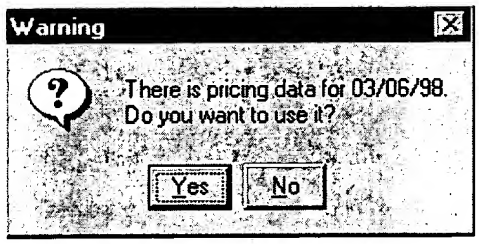


FIG. 226

22700

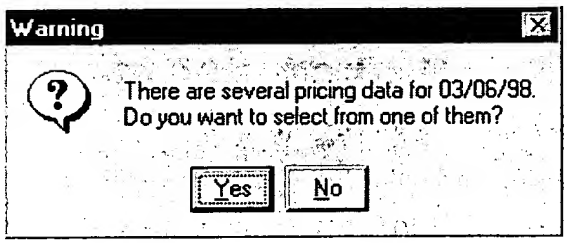


FIG. 227

22800

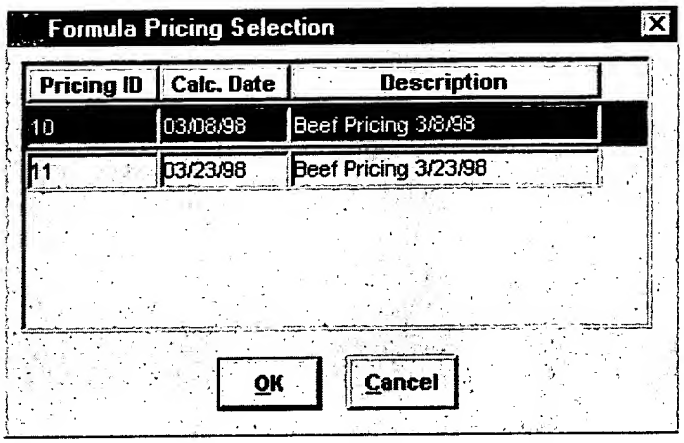


FIG. 228

22900

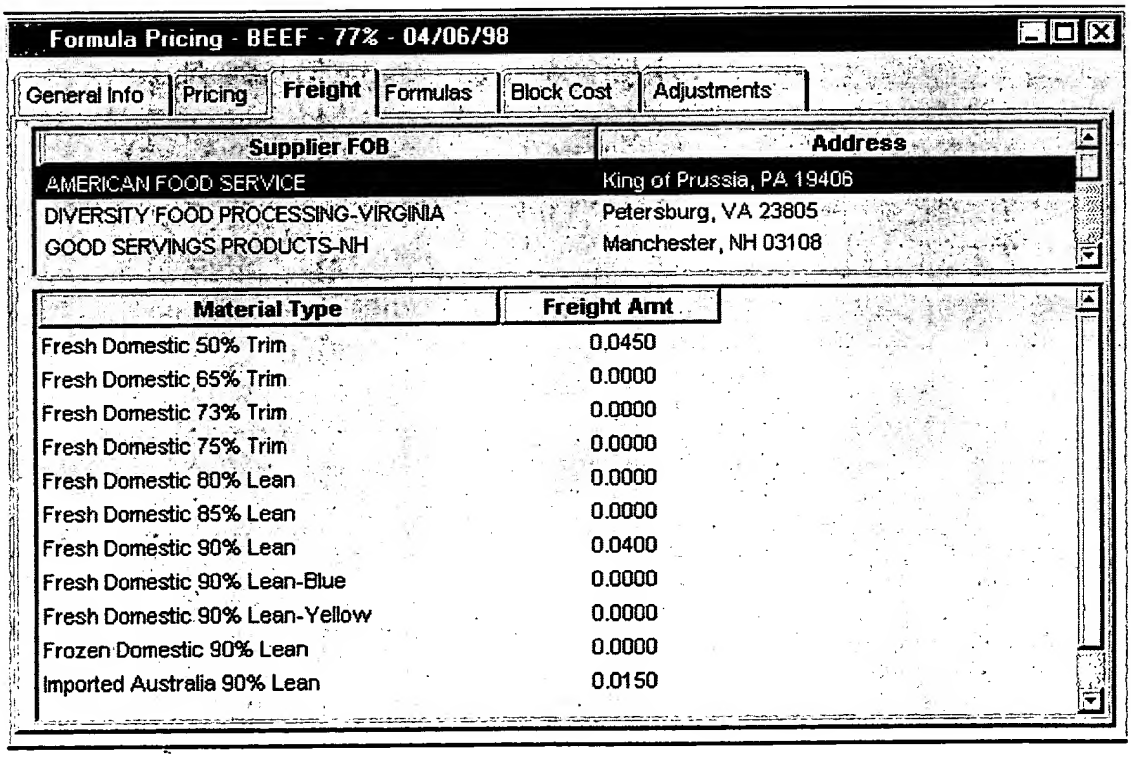
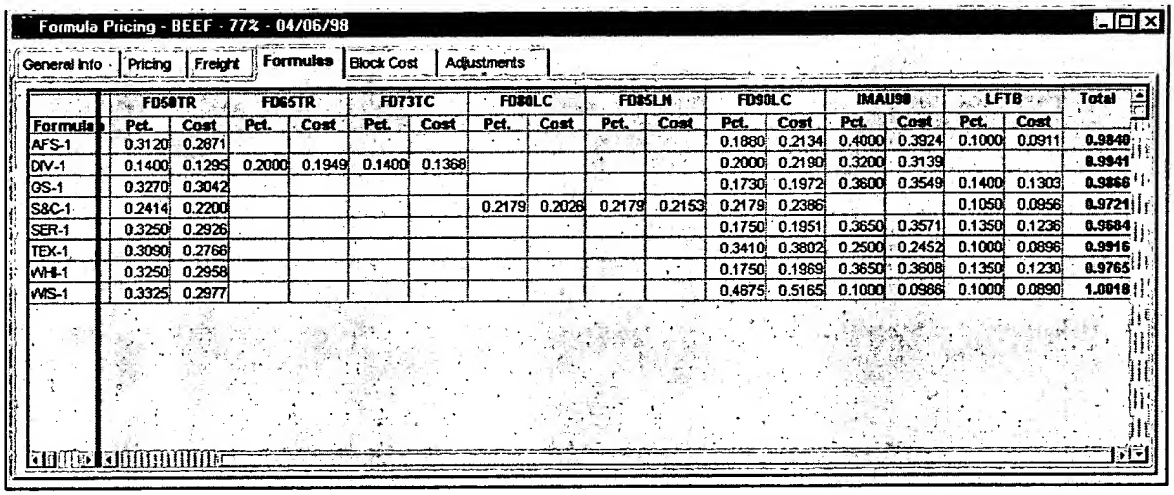


FIG. 229

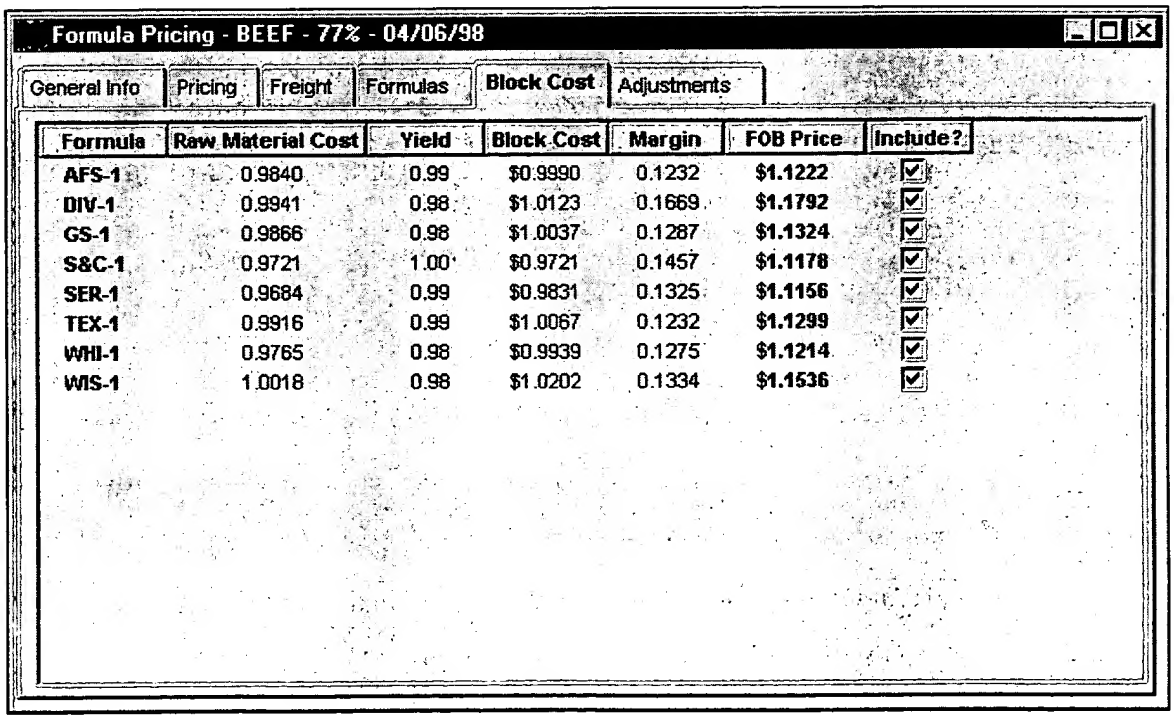
23000



	FD58TR		FD65TR		FD73TC		FD88LC		FD85LN		FD90LC		IMAU98		LFTB		Total
Formula	Pct.	Cost	Pct.	Cost	Pct.	Cost	Pct.	Cost	Pct.	Cost	Pct.	Cost	Pct.	Cost	Pct.	Cost	
AFS-1	0.3120	0.2871									0.1880	0.2134	0.4000	0.3924	0.1000	0.0911	0.9840
DIV-1	0.1400	0.1295	0.2000	0.1949	0.1400	0.1368					0.2000	0.2190	0.3200	0.3139			0.9941
GS-1	0.3270	0.3042									0.1730	0.1972	0.3600	0.3549	0.1400	0.1303	0.9866
S&C-1	0.2414	0.2200					0.2179	0.2028	0.2179	0.2153	0.2179	0.2386			0.1050	0.0956	0.9721
SER-1	0.3250	0.2926									0.1750	0.1951	0.3650	0.3571	0.1350	0.1236	0.9684
TEX-1	0.3090	0.2766									0.3410	0.3802	0.2500	0.2452	0.1000	0.0896	0.9916
WHI-1	0.3250	0.2958									0.1750	0.1969	0.3650	0.3608	0.1350	0.1230	0.9765
WIS-1	0.3325	0.2977									0.4675	0.5165	0.1000	0.0986	0.1000	0.0890	1.0018

FIG. 230

23100



Formula	Raw Material Cost	Yield	Block Cost	Margin	FOB Price	Include?
AFS-1	0.9840	0.99	$0.9990	0.1232	$1.1222	☑
DIV-1	0.9941	0.98	$1.0123	0.1669	$1.1792	☑
GS-1	0.9866	0.98	$1.0037	0.1287	$1.1324	☑
S&C-1	0.9721	1.00	$0.9721	0.1457	$1.1178	☑
SER-1	0.9684	0.99	$0.9831	0.1325	$1.1156	☑
TEX-1	0.9916	0.99	$1.0067	0.1232	$1.1299	☑
WHI-1	0.9765	0.98	$0.9939	0.1275	$1.1214	☑
WIS-1	1.0018	0.98	$1.0202	0.1334	$1.1536	☑

FIG. 231

23200

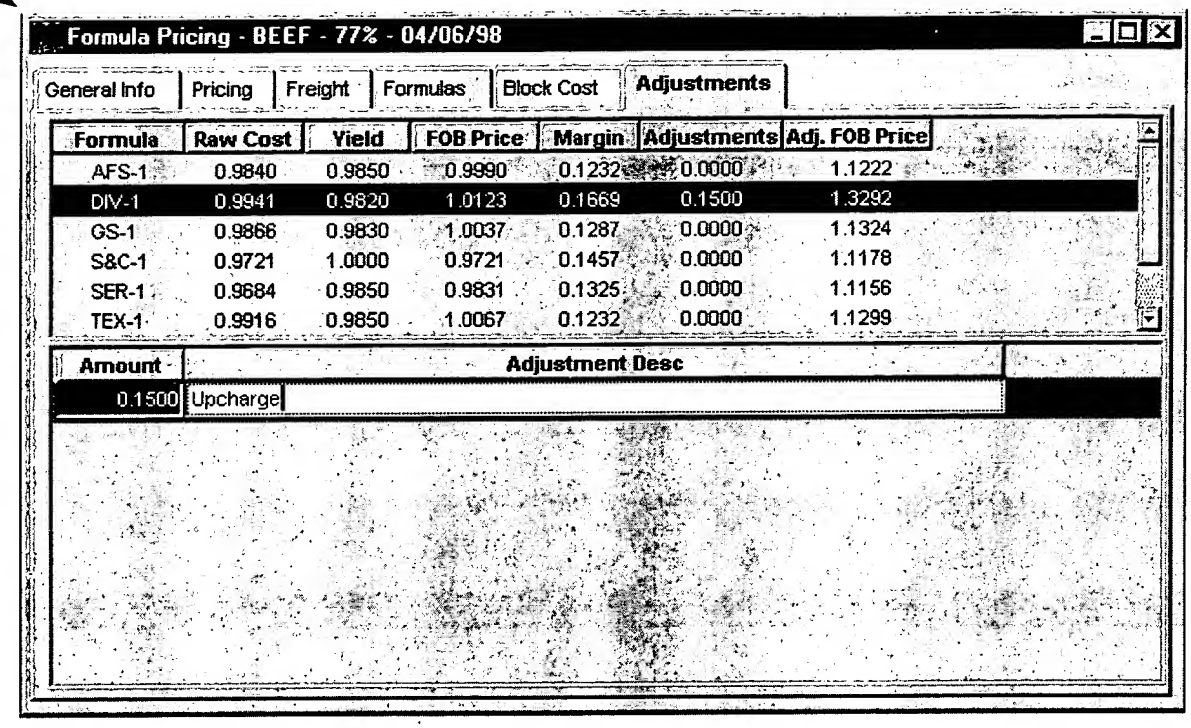


FIG. 232

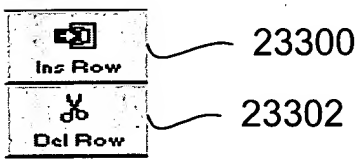


FIG. 233

23400

FIG. 234

23500

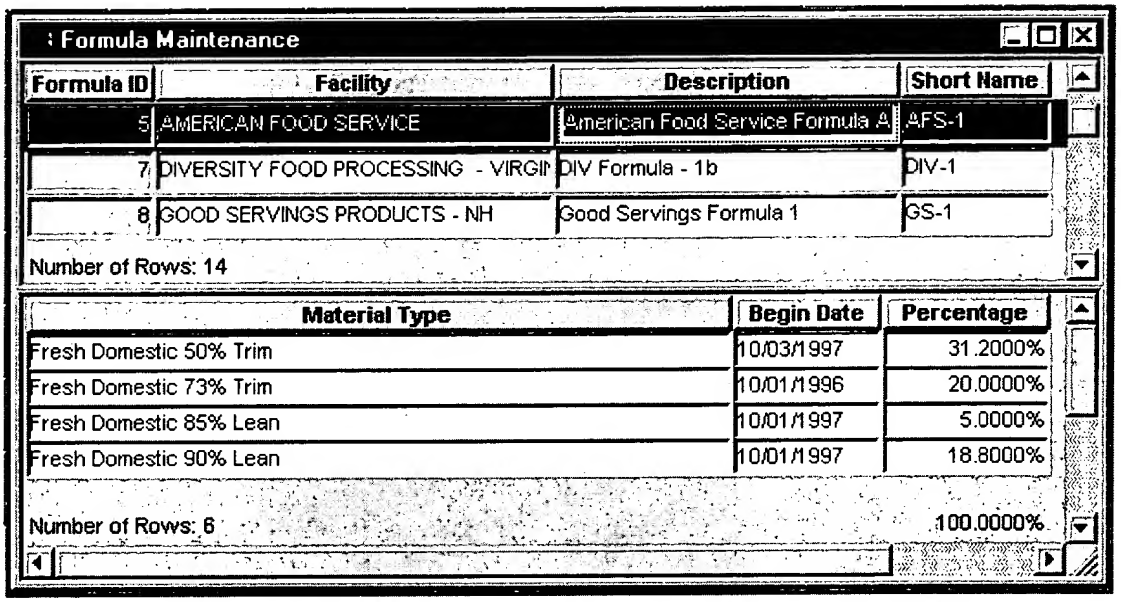


FIG. 235

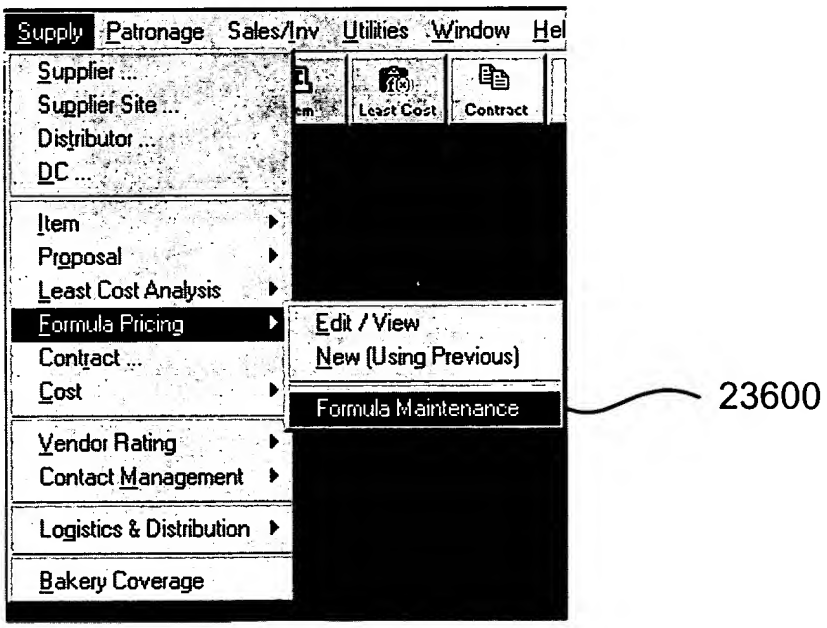


FIG. 236